



Ambler Road

Draft Supplemental Environmental Impact Statement

October 2023

Volume 4: Maps for Chapters 1–3

Prepared by:
U.S. Department of the Interior
Bureau of Land Management

In Cooperation with:
Alatna Village Council
Evansville Tribal Council
Huslia Tribal Council
State of Alaska
Tanana Tribal Council
U.S. Army Corps of Engineers
U.S. Environmental Protection Agency
U.S. Fish and Wildlife Service

Participating Agency:
National Park Service

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Mission

To sustain the health, diversity, and productivity of public lands for the use and enjoyment of present and future generations.

Cover photograph: Middle Fork of the Koyukuk River in fall foliage.

Photograph courtesy of BLM staff

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Participating Agency:

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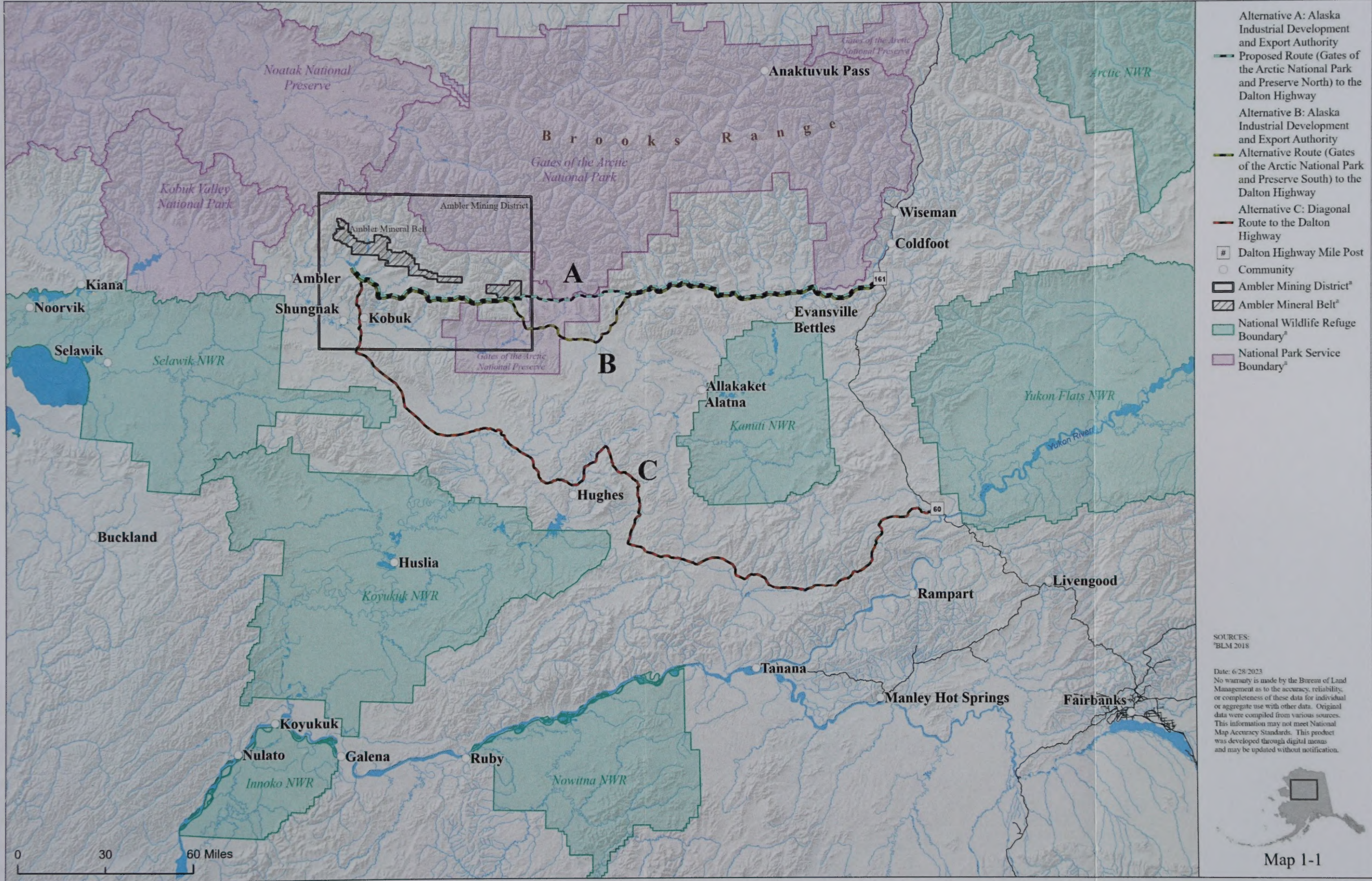
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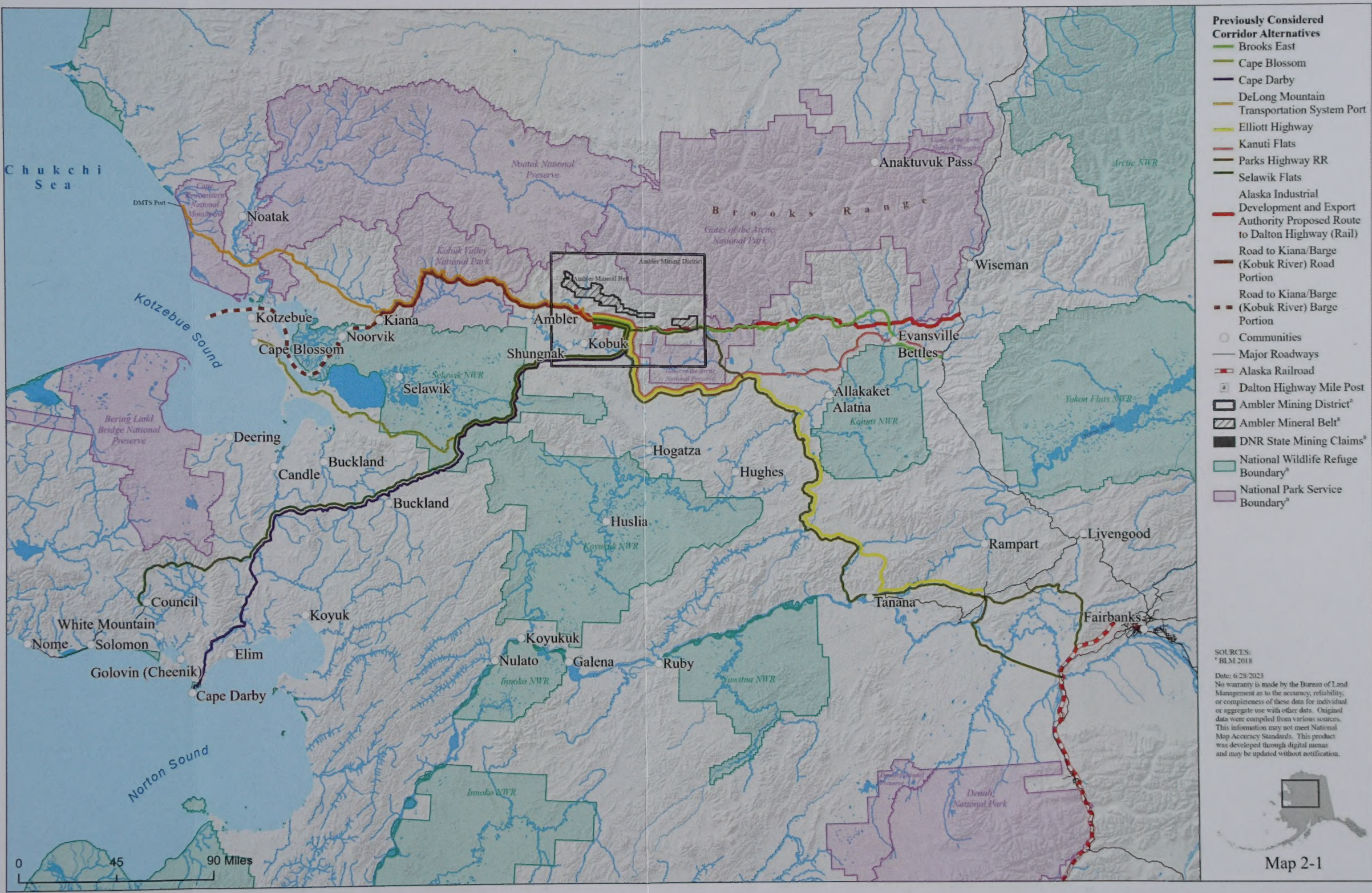
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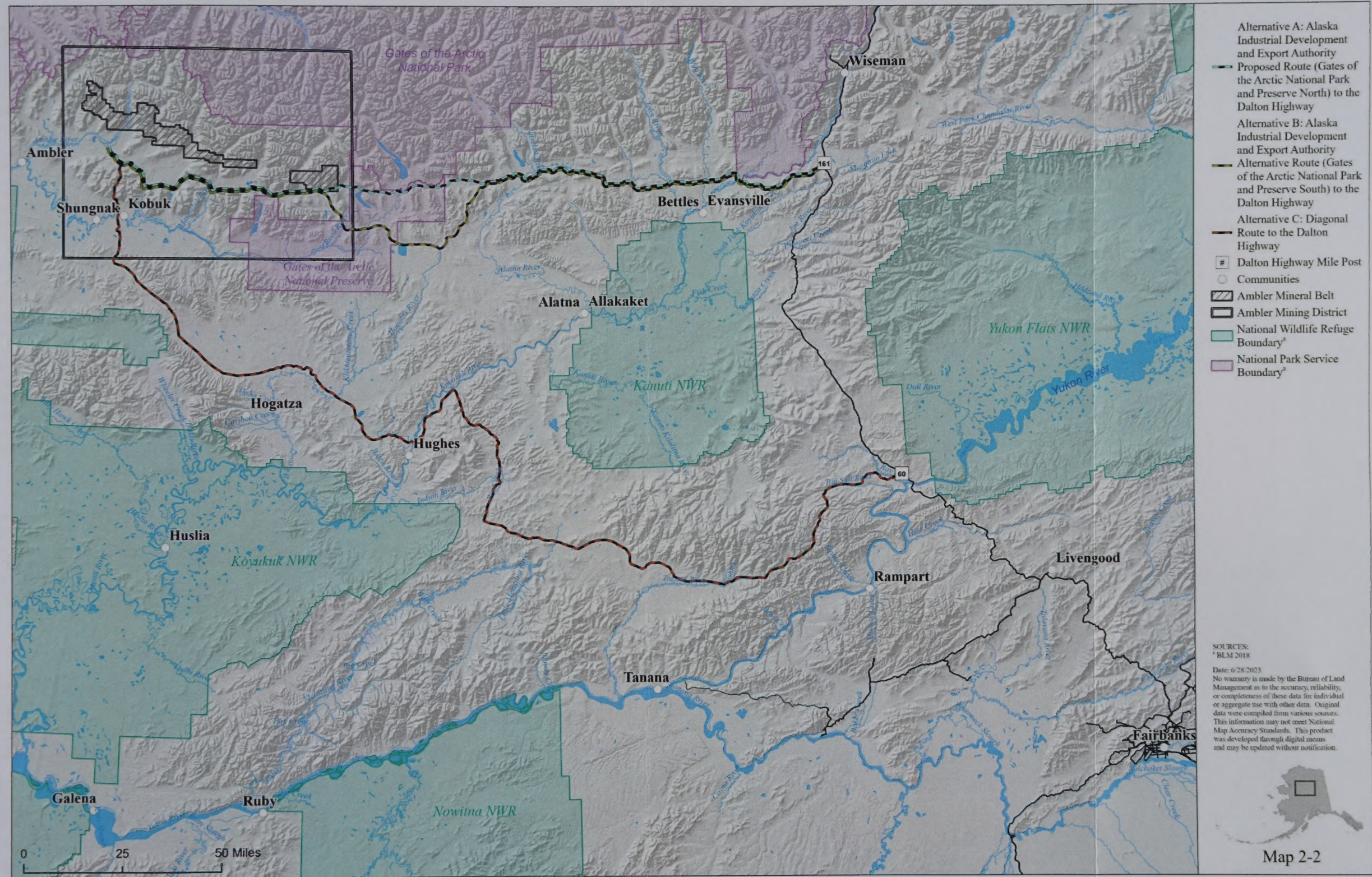


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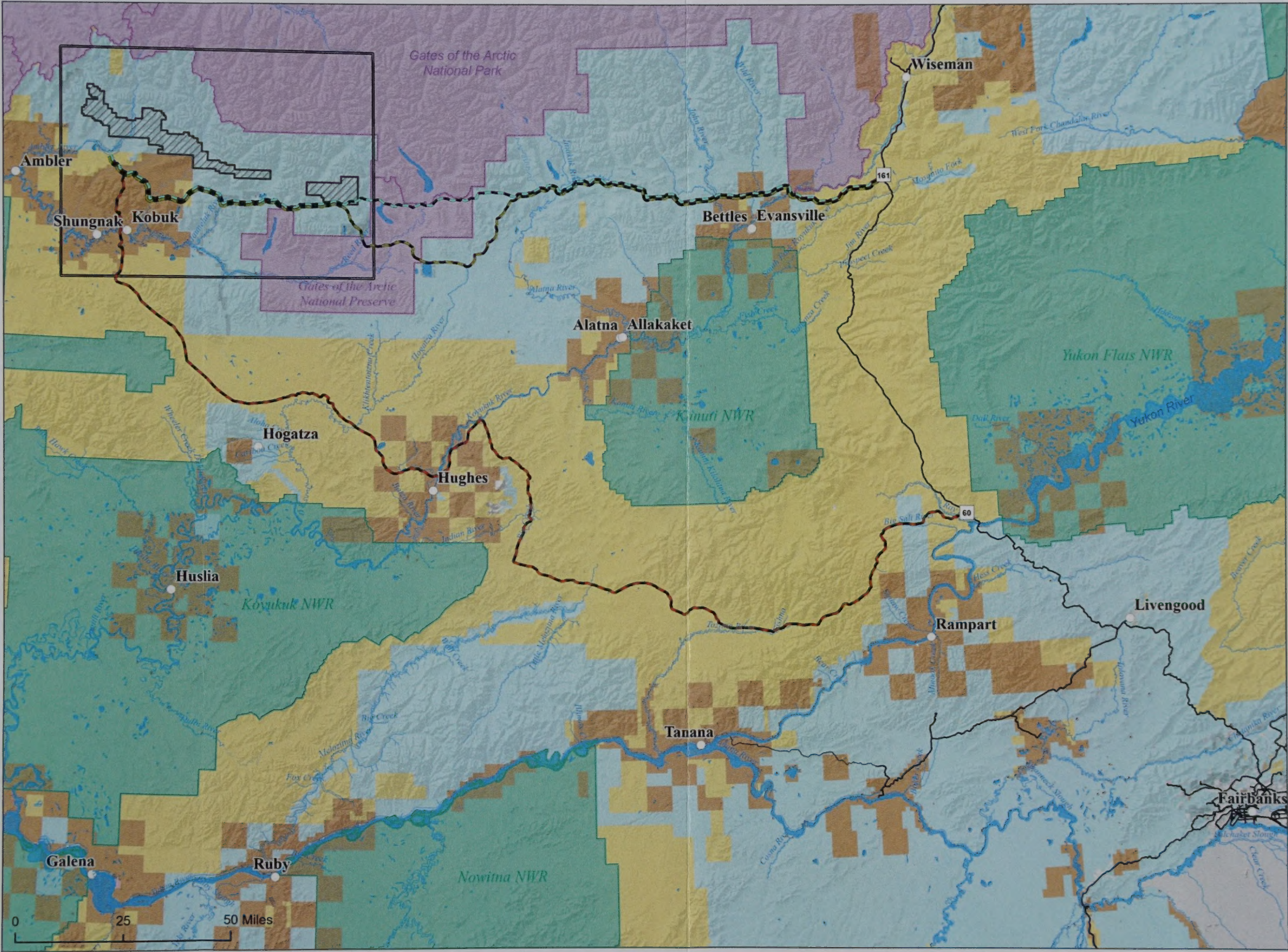
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Map 2-1





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- Alternative A: Alaska Industrial Development and Export Authority
Proposed Route (Gates of the Arctic National Park and Preserve North) to the Dalton Highway
- Alternative B: Alaska Industrial Development and Export Authority
Alternative Route (Gates of the Arctic National Park and Preserve South) to the Dalton Highway
- Alternative C: Diagonal Route to the Dalton Highway
- # Dalton Highway Mile Post
- Communities
- Administered Lands^a**
- Bureau of Land Management
 - Alaska Native Lands
 - Alaska Native Allotment
 - Department of Defense
 - Fish and Wildlife Service
 - Local Government
 - National Park Service
 - Other Federal
 - Private
 - State
 - Water
 - Ambler Mineral Belt
 - Ambler Mining District
 - National Wildlife Refuge Boundary^a
 - National Park Service Boundary^a

SOURCES:
^a BLM 2018

Date: 7/3/2023

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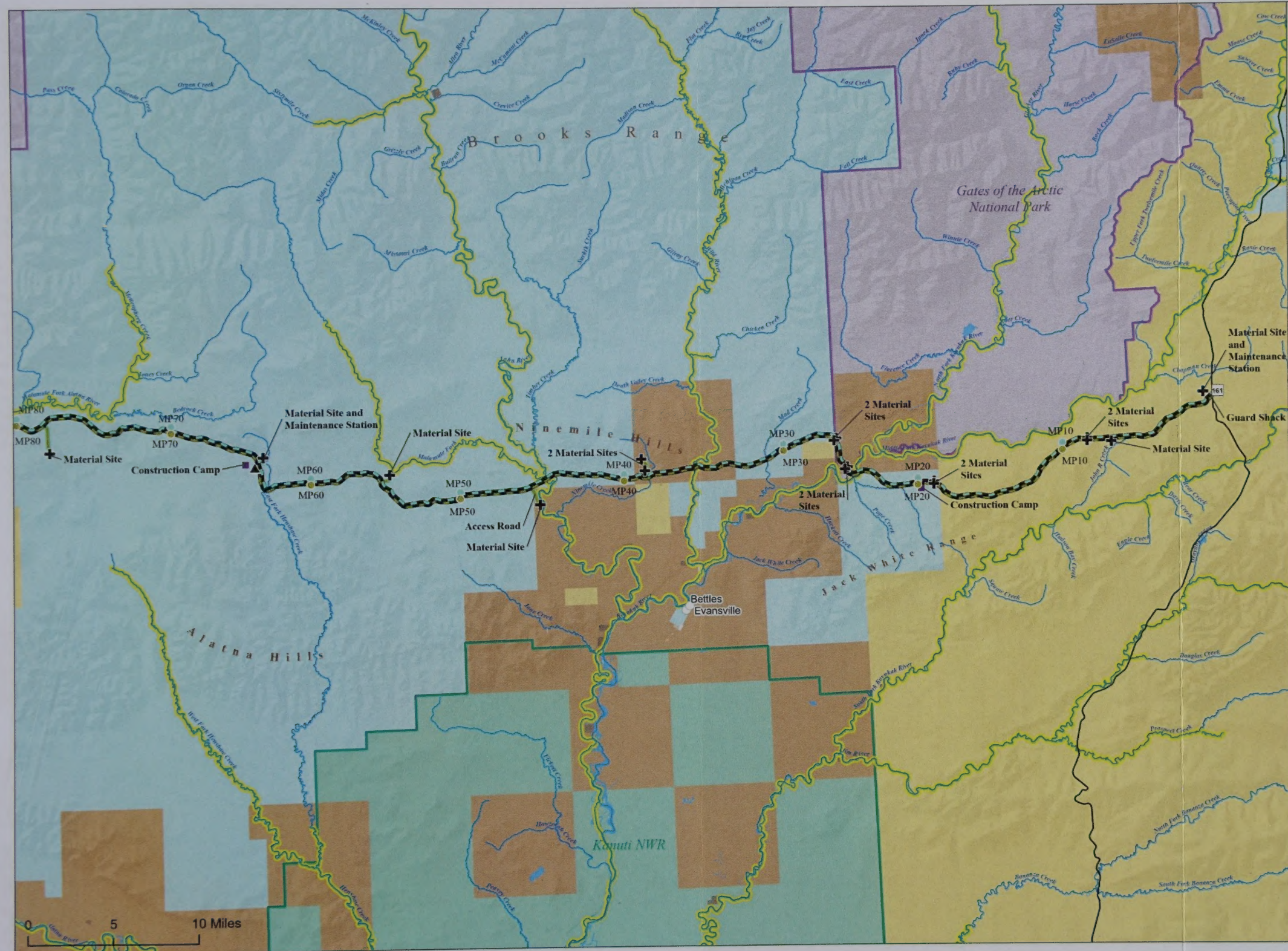
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Chapter 2 - Alternatives

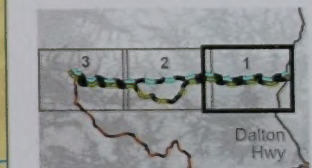
Alternatives A and B



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- Alternative A: AIDEA
- Proposed Route (GAAR North) to the Dalton Highway
- Alternative B: AIDEA
- Alternative Route (GAAR South) to the Dalton Highway
- Alternative A Milepoints
- Alternative B Milepoints
- Alternative A and B Material Site
- Alternative A and B Airstrip
- Alternative A and B Access Road
- Alternative A Access Road
- Alternative B Access Road
- Communities
- Dalton Highway Mile Post
- Anadromous Stream^b
- Administered Lands^a**
 - Bureau of Land Management
 - Alaska Native Lands
 - Alaska Native Allotment
 - Fish and Wildlife Service
 - National Park Service
 - Other Federal
 - Private
 - State
 - Water

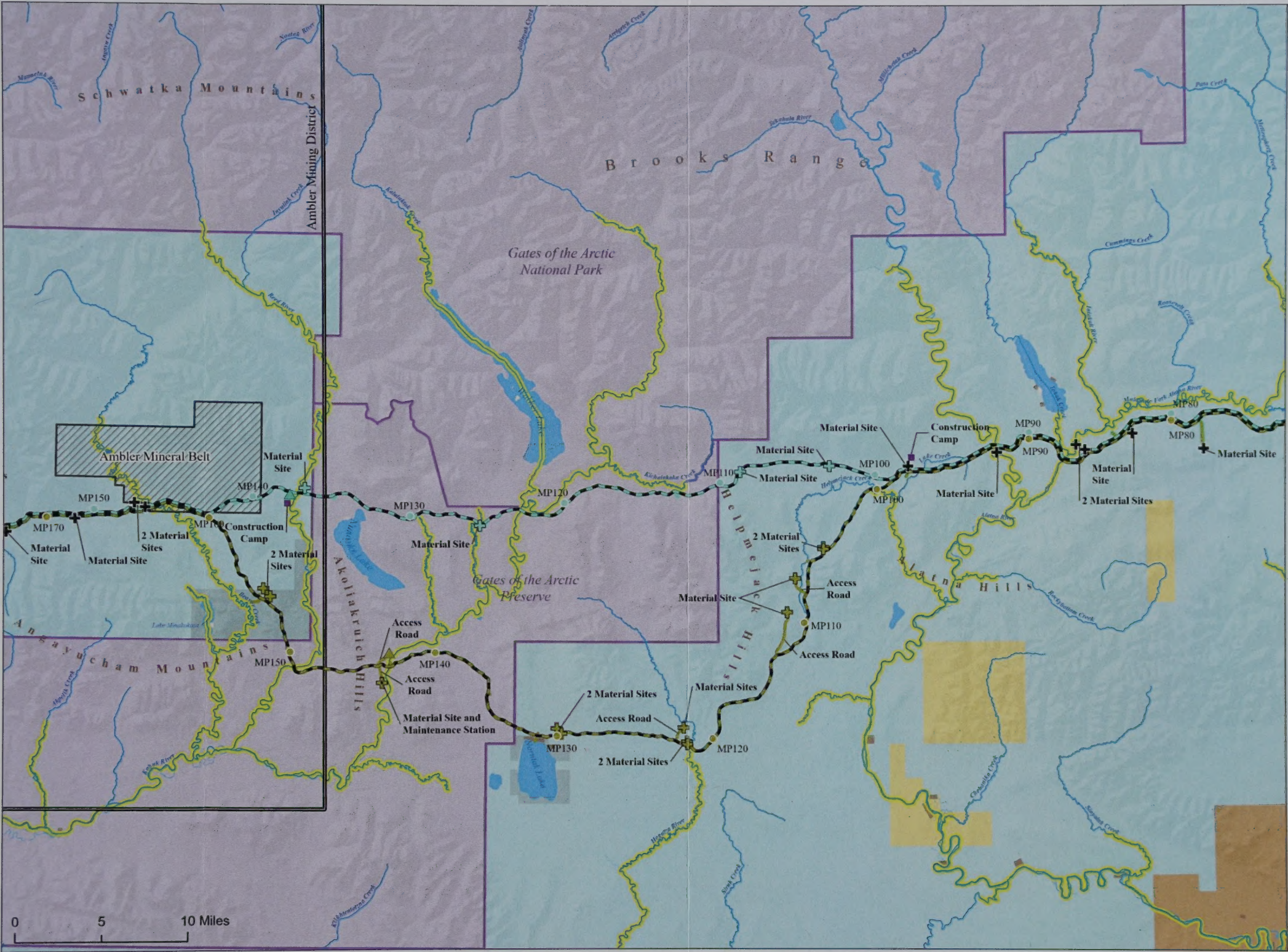


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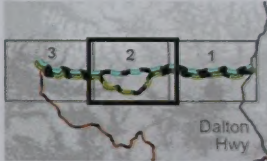




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- Alternative B: AIDEA
- Alternative Route (GAAR South) to the Dalton Highway
- Alternative A Milepoints
- Alternative B Milepoints
- Alternative A and B Material Site
- Alternative A Material Site
- Alternative B Material Site
- Alternative A Airstrip
- Alternative B Airstrip
- Alternative A and B Access Road
- Alternative A Access Road
- Alternative B Access Road
- Dalton Highway Mile Post
- Ambler Mineral Belt^a
- Ambler Mining District^a
- Anadromous Stream^b
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- National Park Service
- Private
- State
- Water



SOURCES:
^aBLM 2018
^bADFG 2023

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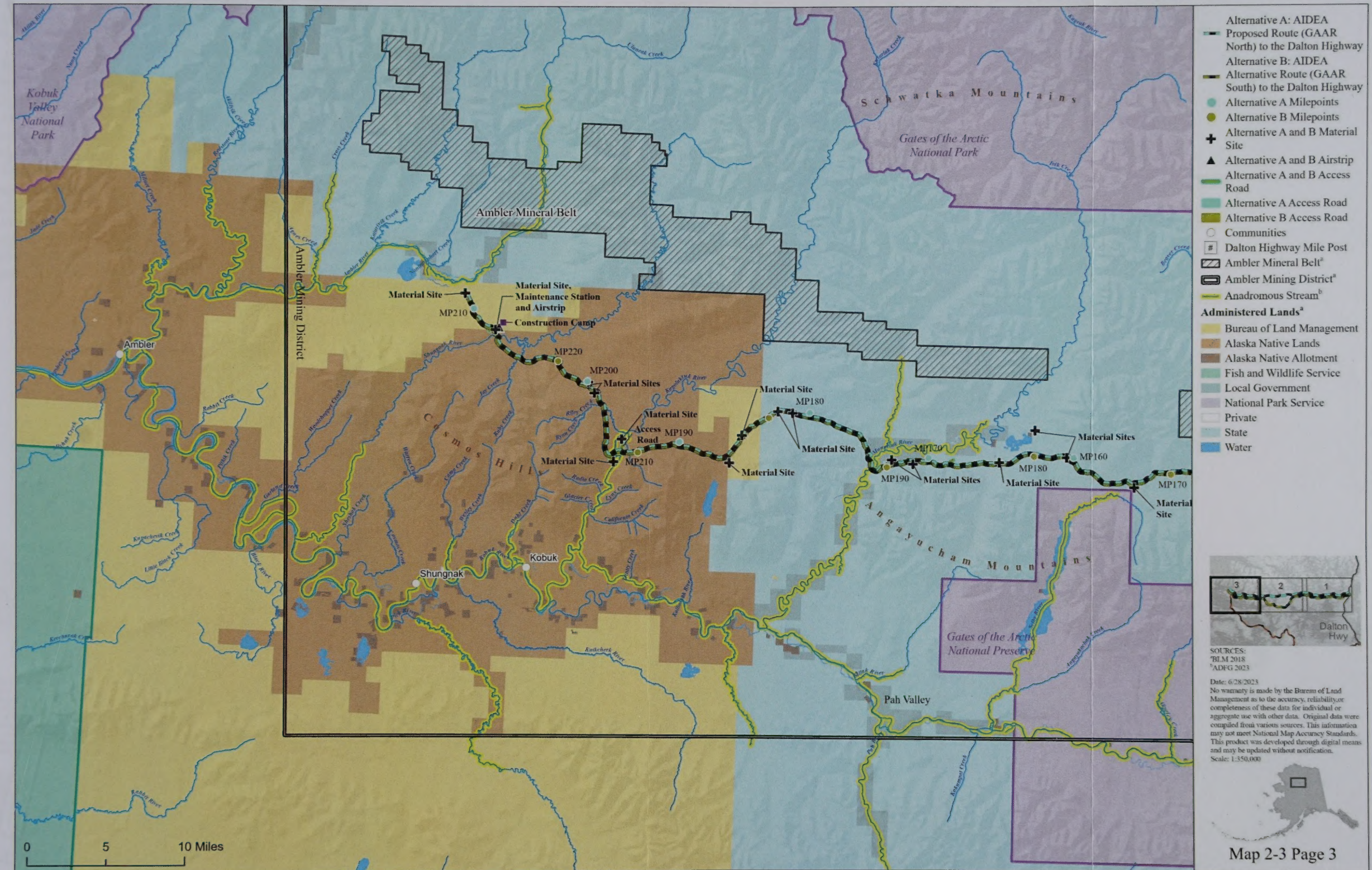
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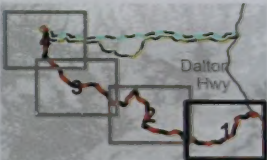
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- Alternative C: Diagonal
Route to the Dalton
Highway
- Alternative C Milepoints
 - ✚ Alternative C Material Site
 - Alternative C Airstrip
 - Alternative C Access Road
 - Communities
 - Dalton Highway Mile Post
 - Anadromous Stream^b
- Administered Lands^a**
- Bureau of Land Management
 - Alaska Native Lands
 - Alaska Native Allotment
 - Fish and Wildlife Service
 - Private
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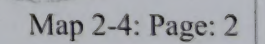


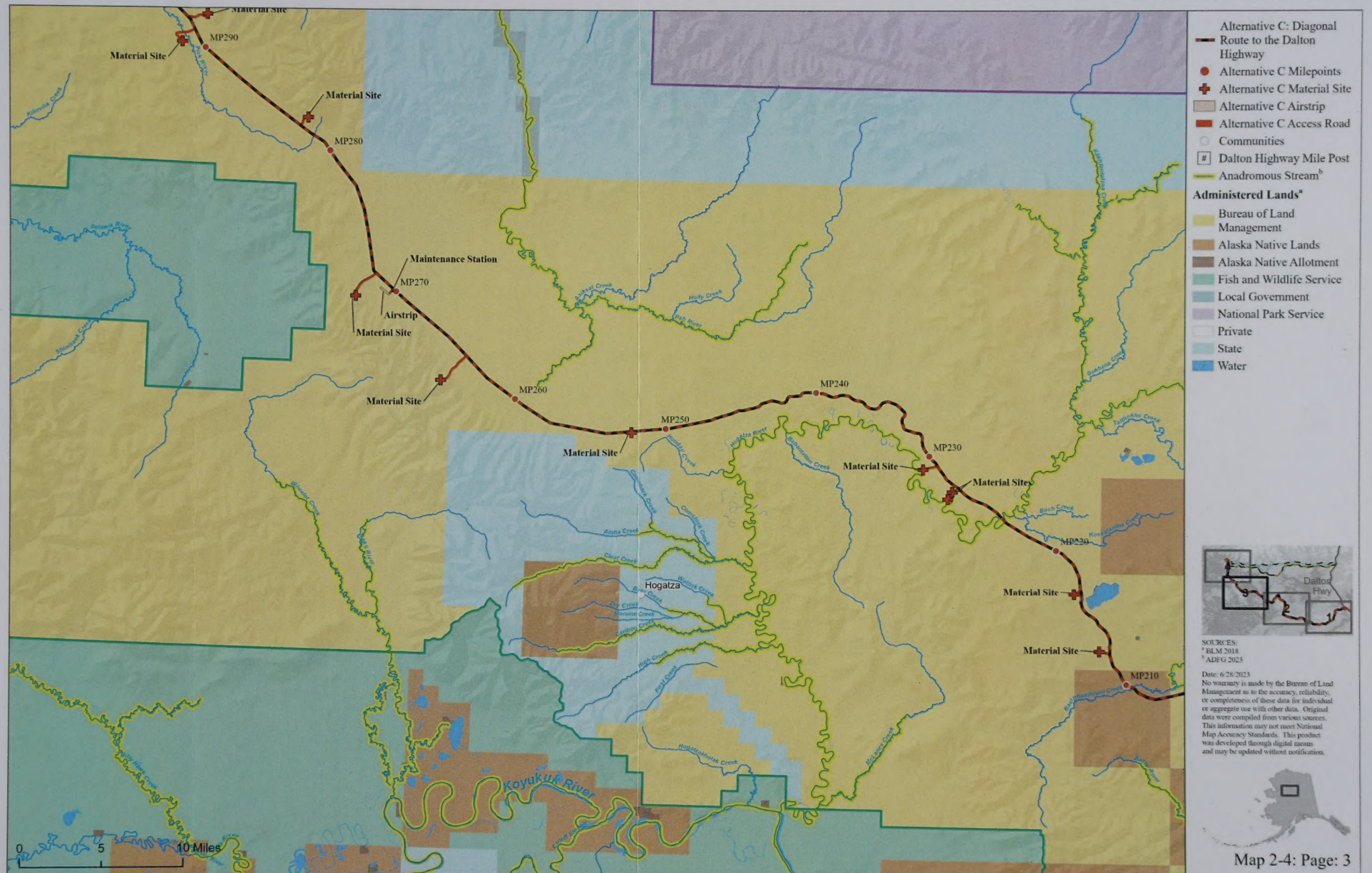
SOURCES:
^a BLM 2018
^b ADFG 2023

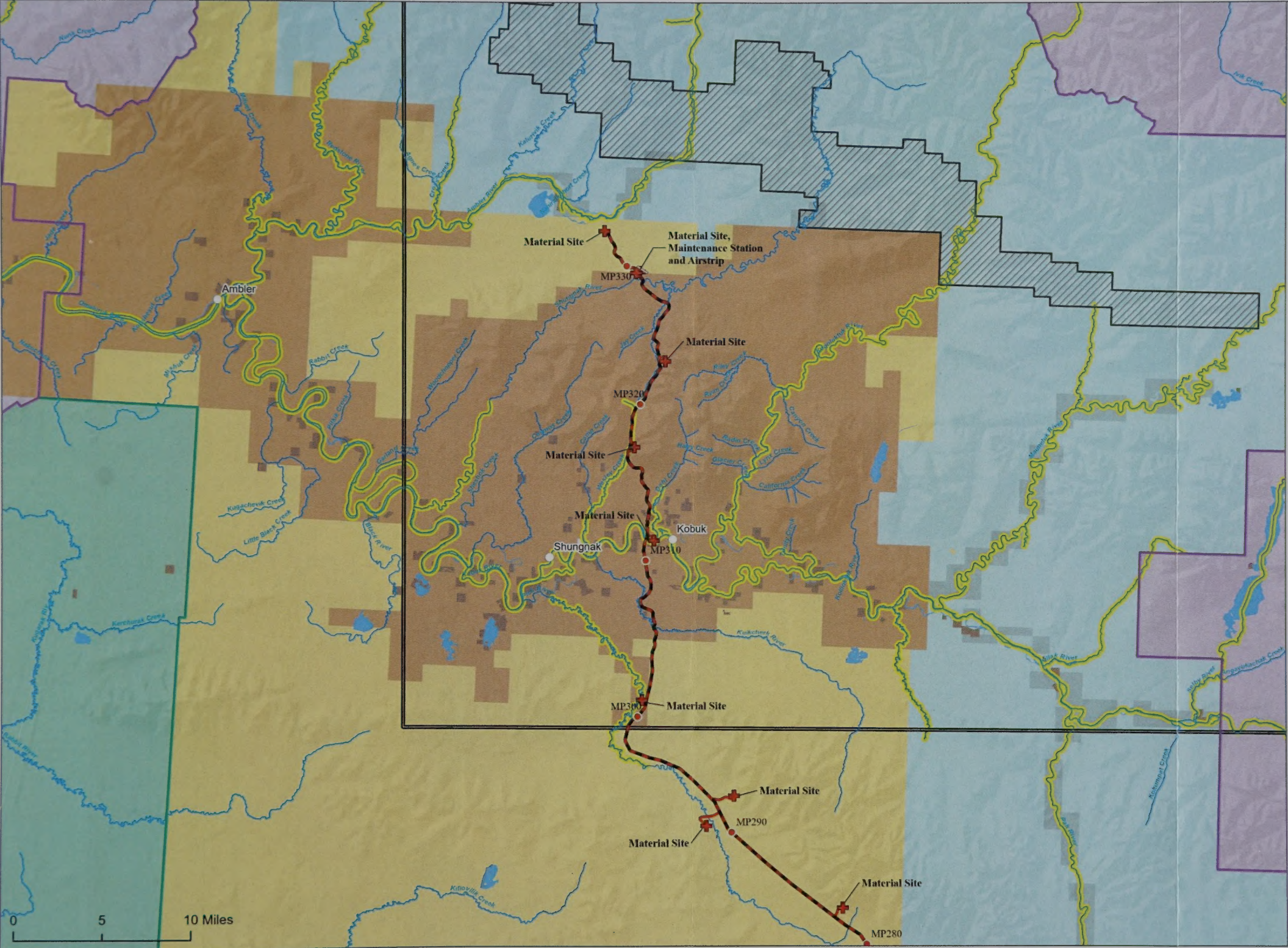
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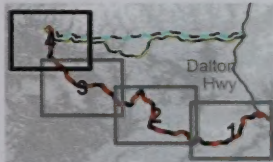








- Alternative C: Diagonal
Route to the Dalton
Highway
- Alternative C Milepoints
 - ✚ Alternative C Material Site
 - Alternative C Airstrip
 - Alternative C Access Road
 - Communities
 - # Dalton Highway Mile Post
 - ▨ Ambler Mineral Belt^a
 - ▭ Ambler Mining District^a
 - Anadromous Stream^b
- Administered Lands^a**
- Bureau of Land Management
 - Alaska Native Lands
 - Alaska Native Allotment
 - Fish and Wildlife Service
 - Local Government
 - National Park Service
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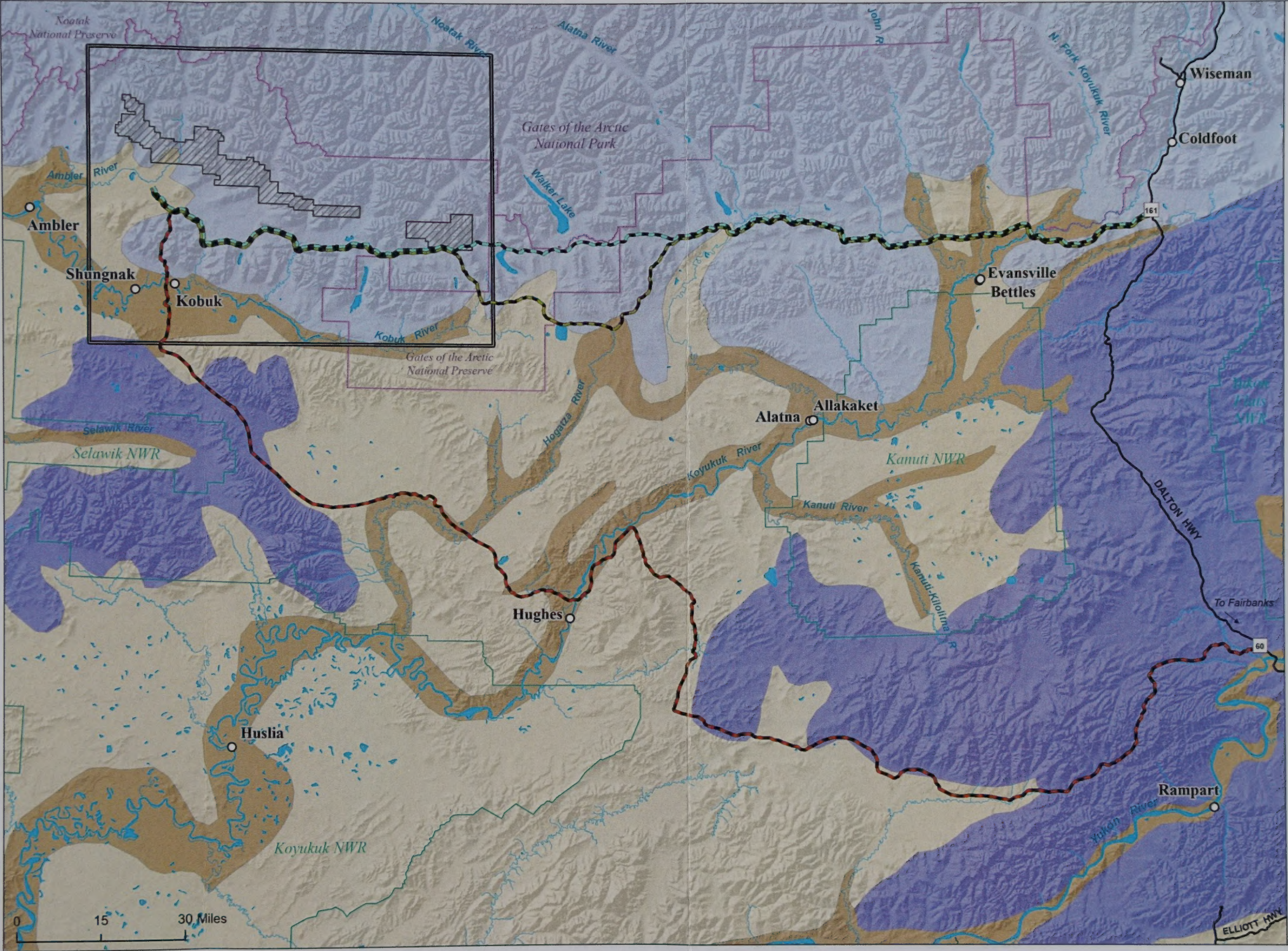
SOURCES:
^a BLM 2018
^b ADFG 2023

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- Permafrost^b**
- Lowland and Upland Area underlain by discontinuous permafrost
 - Lowland and Upland Area underlain by moderately thick to thin permafrost
 - Mountainous Area underlain by continuous permafrost
 - Mountainous Area underlain by discontinuous permafrost
- Alternative A
- Alternative B
- Alternative C
- Ambler Mineral Belt^a
- Ambler Mining District^a
- Community
- Dalton Highway Mile Post
- National Wildlife Refuge Boundary^a
- National Park Service Boundary^a

Data Source:
^a BLM 2018
^b Arctic Landscape Conservation Cooperative, 2014

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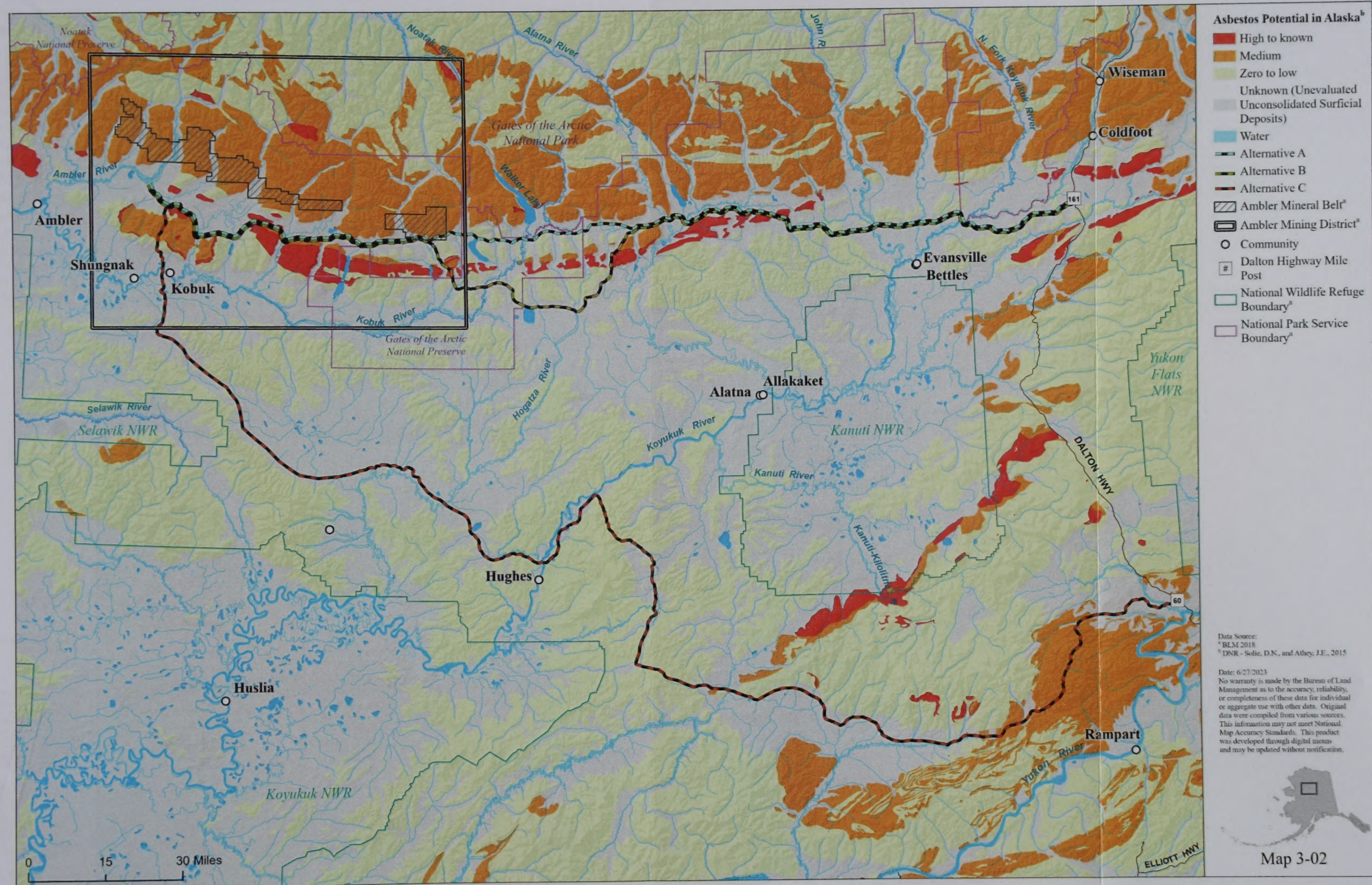
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Chapter 3 - Affected Environment and Environmental Consequences

Asbestos Potential

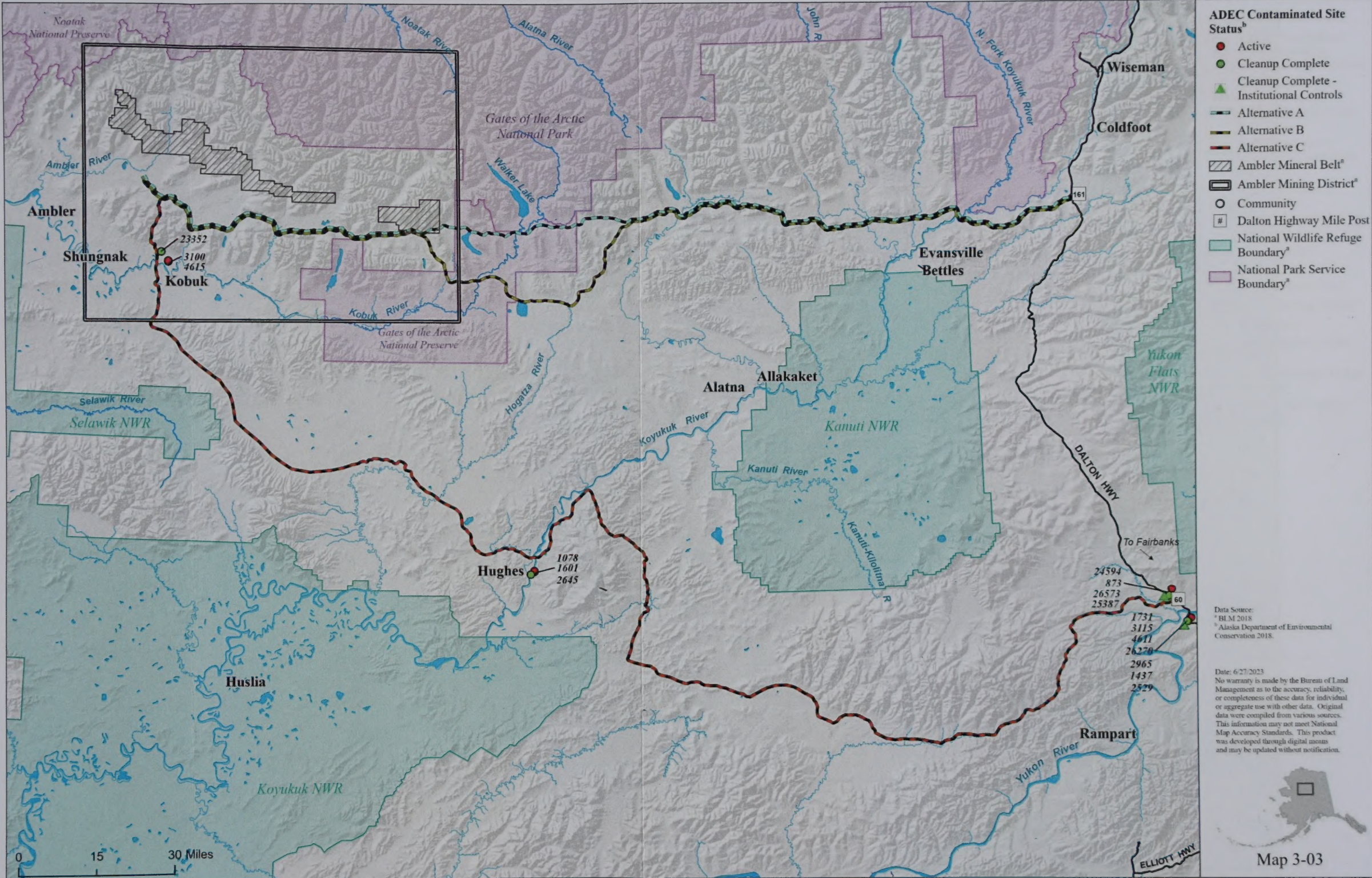


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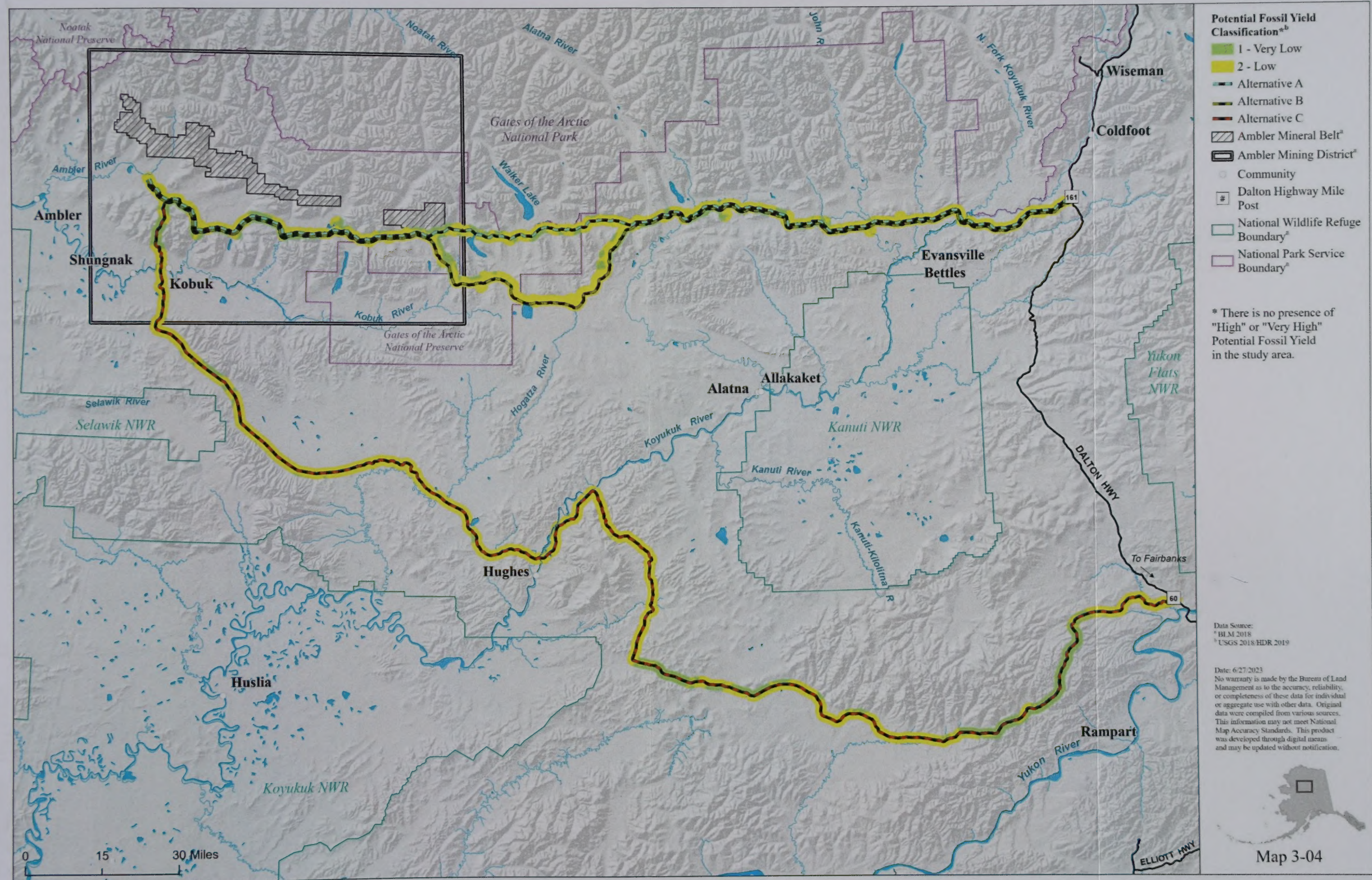


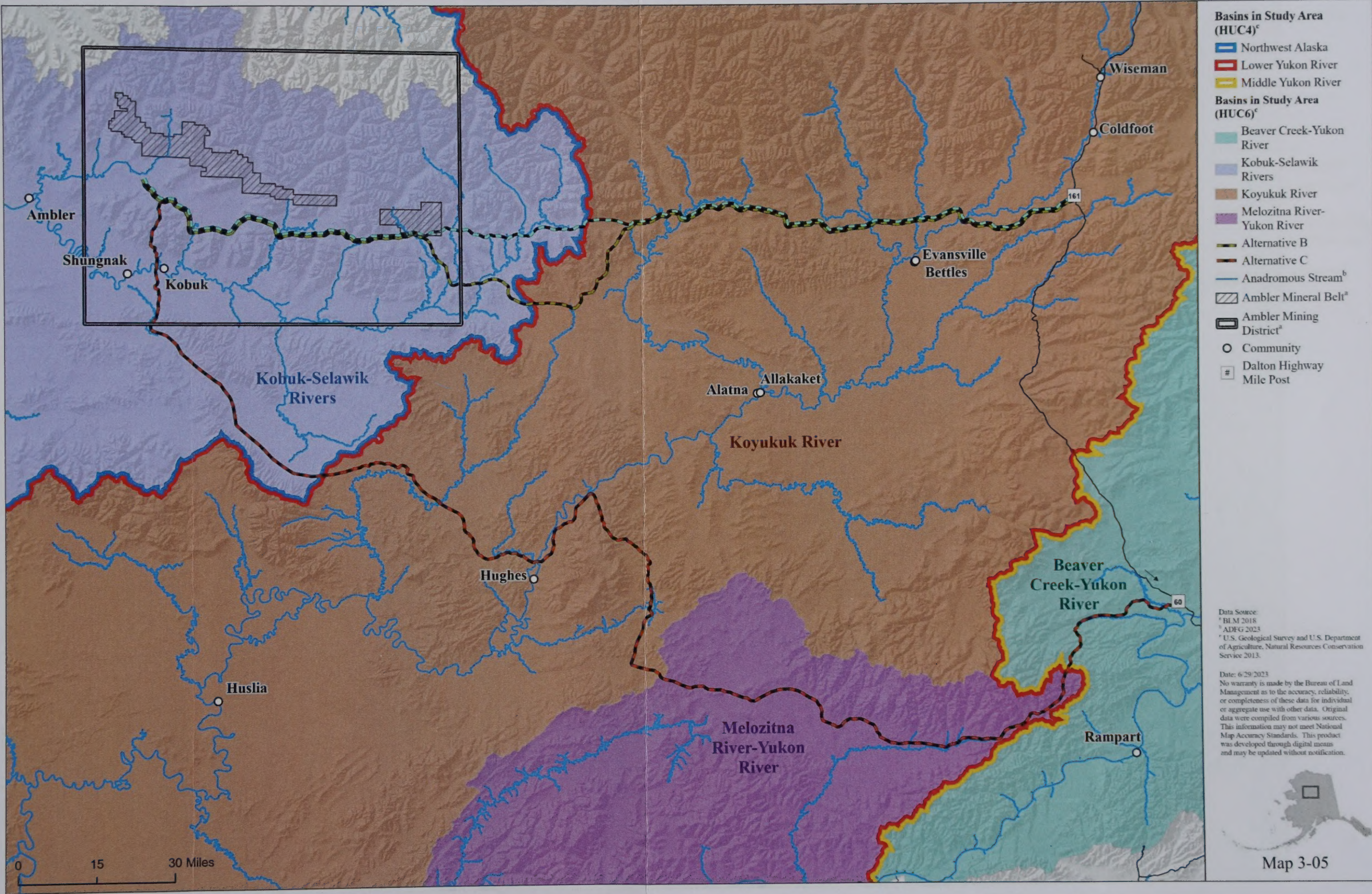
Chapter 3 - Affected Environment and Environmental Consequences

Potential Fossil Yield



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Data Source:
* BLM 2018
* ADFG 2023
* U.S. Geological Survey and U.S. Department of Agriculture, Natural Resources Conservation Service 2013.

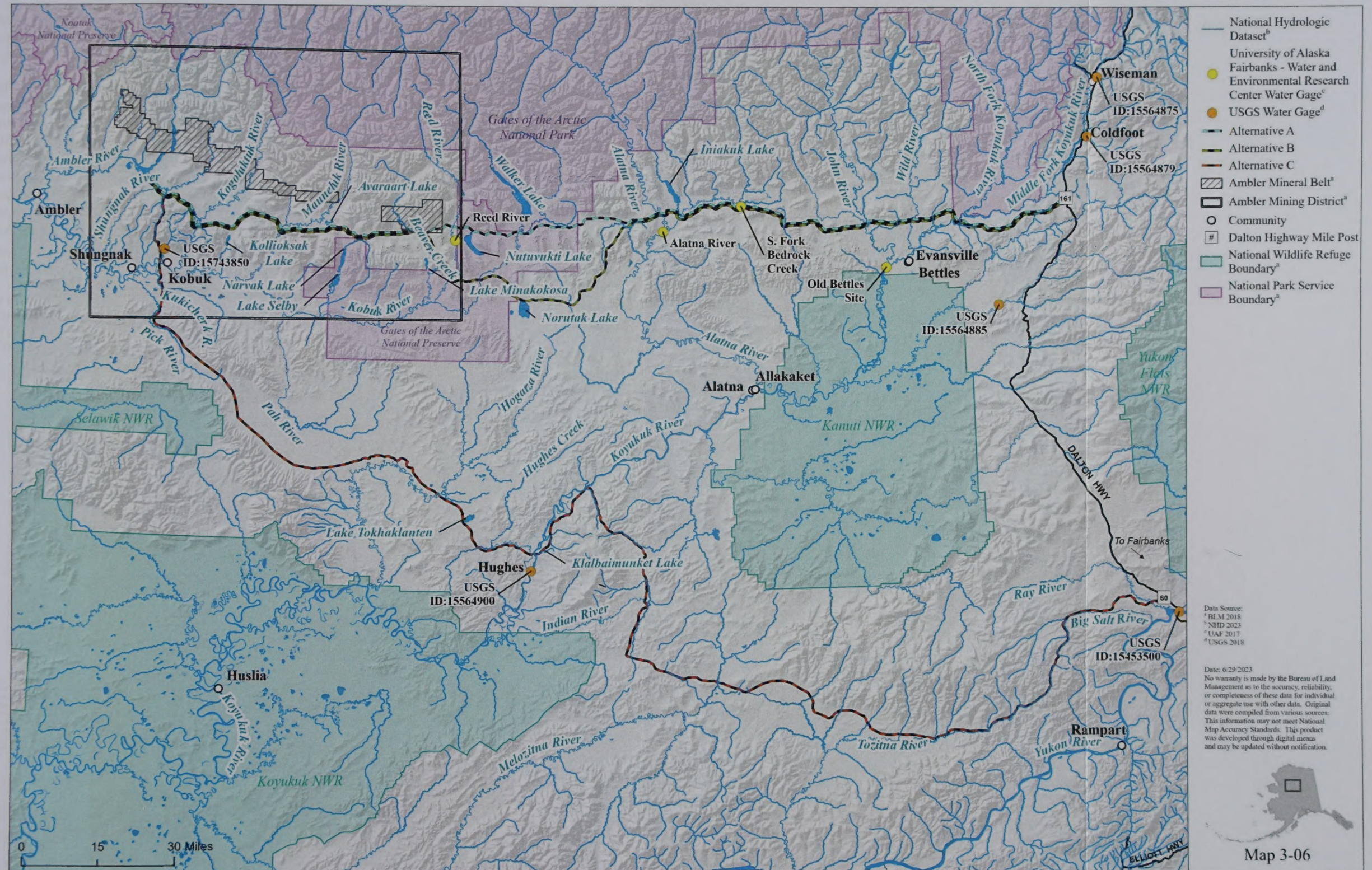
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Map 3-05

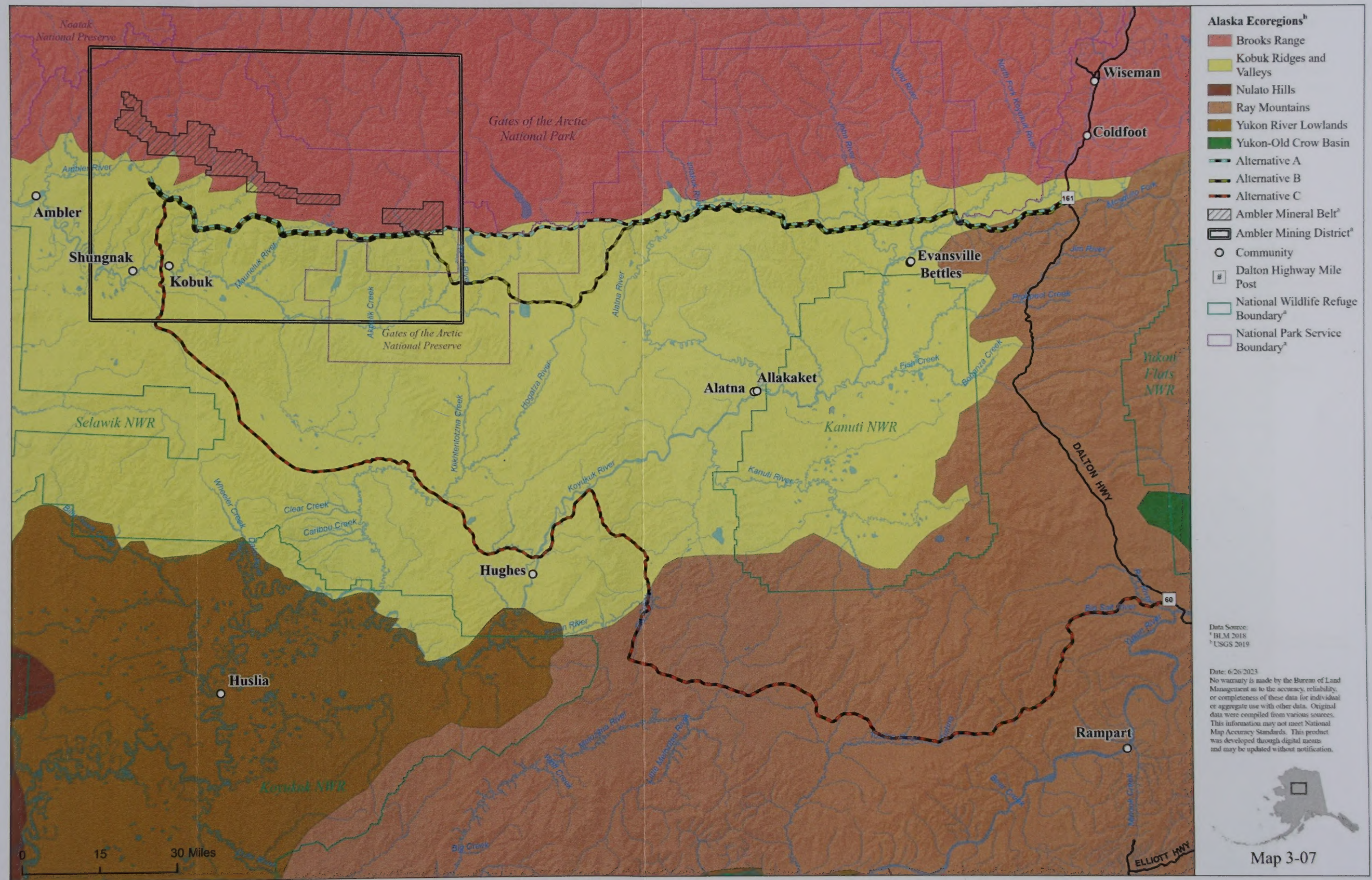


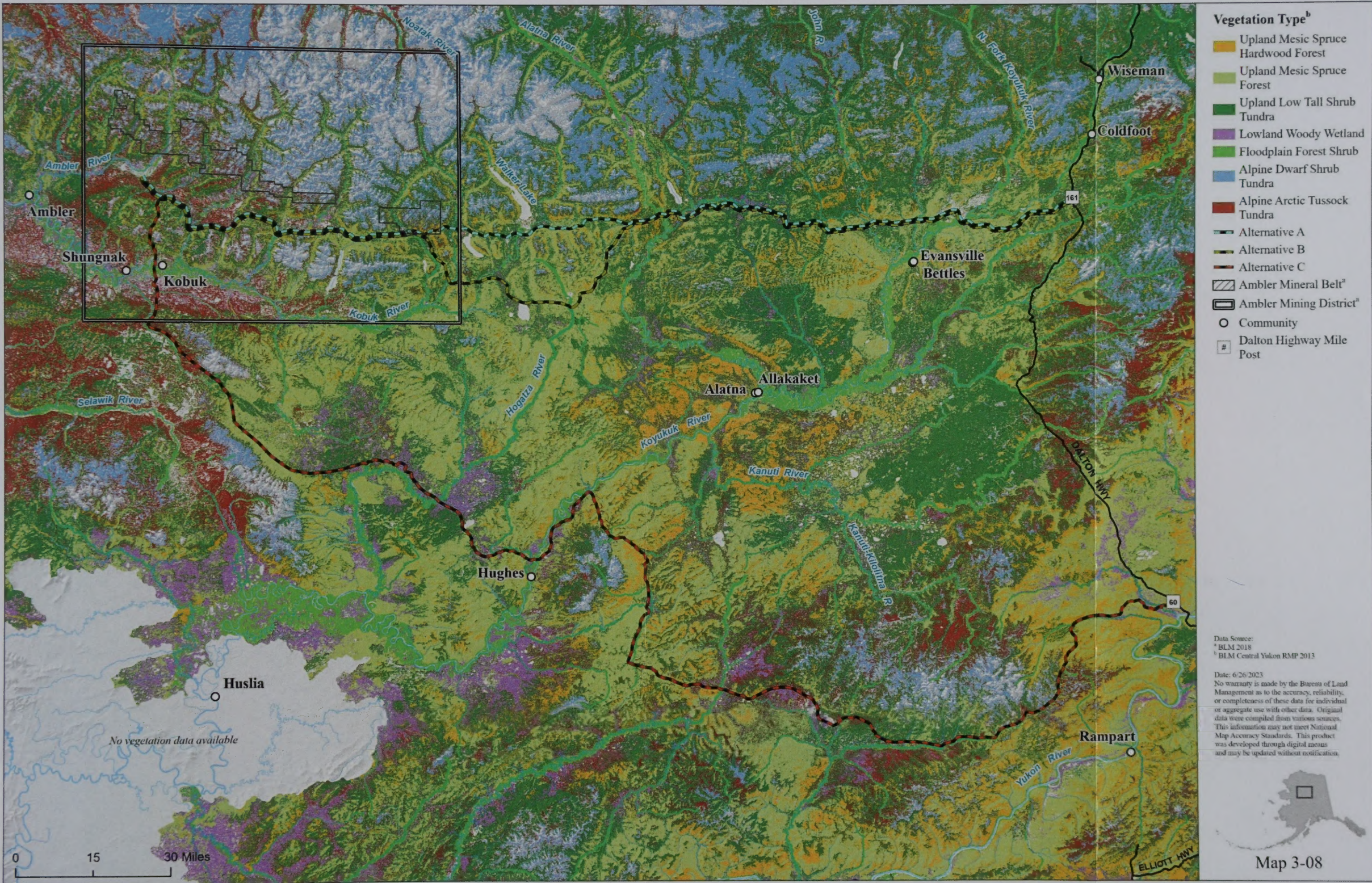
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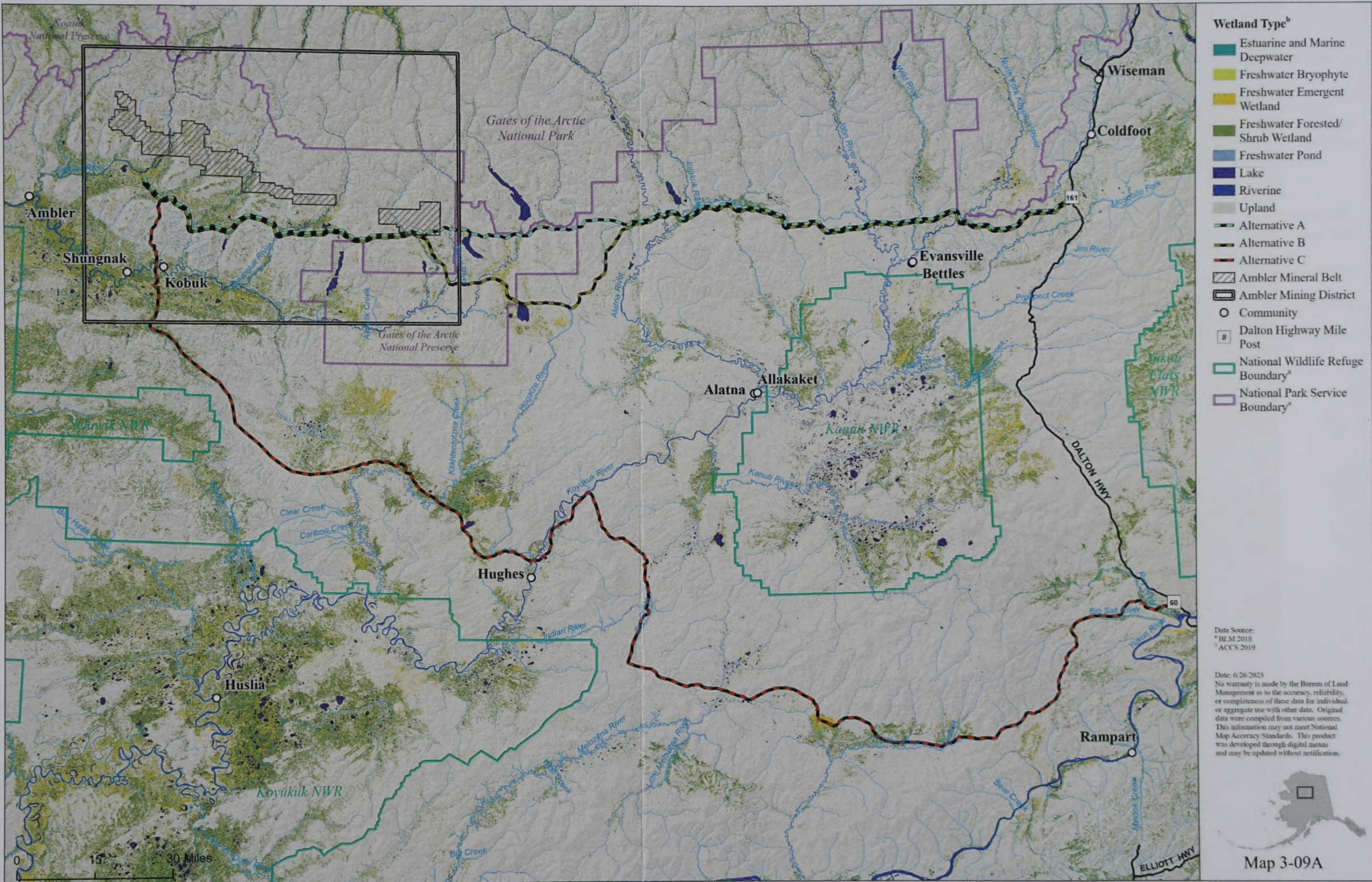




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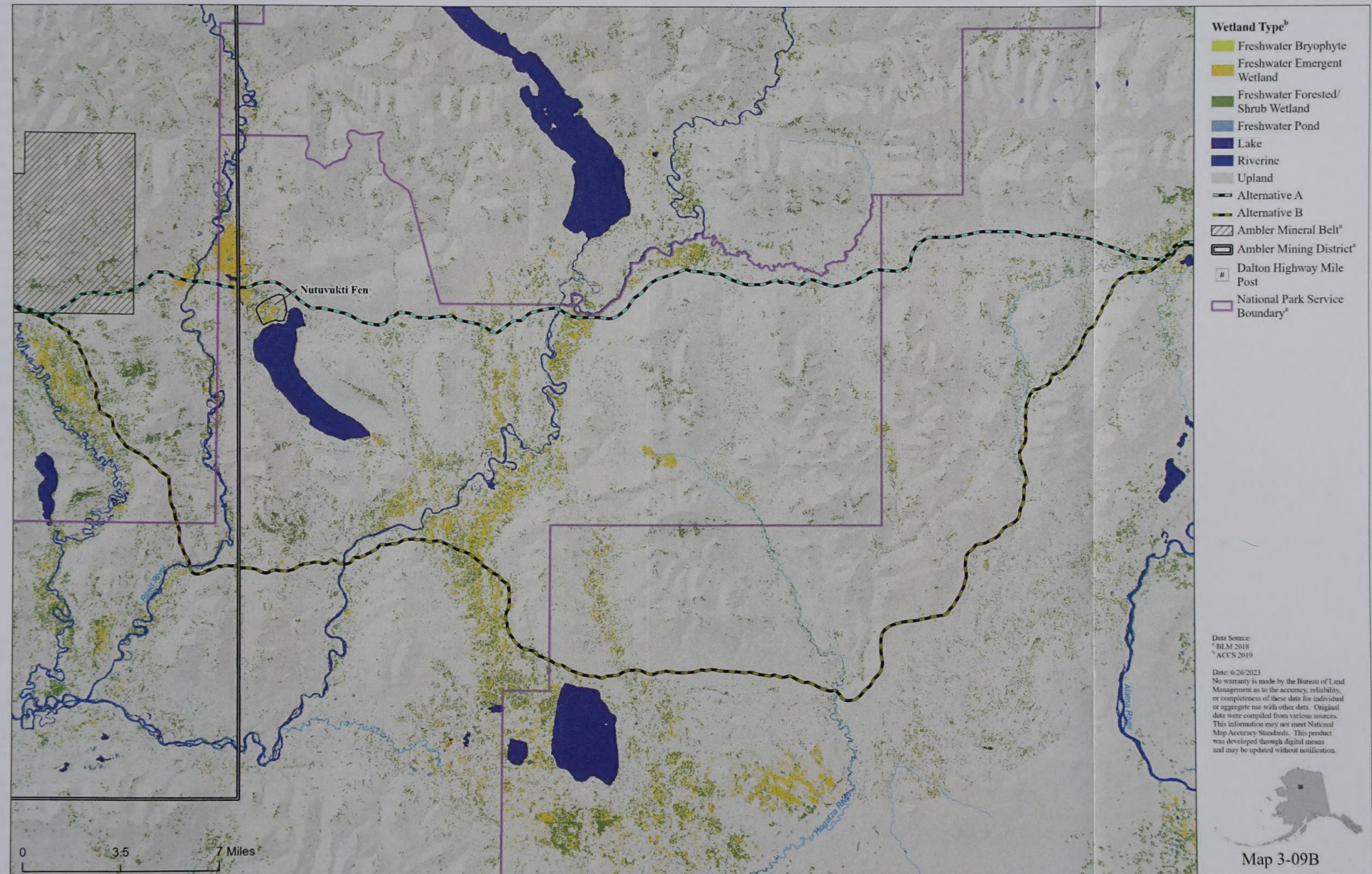


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Nutuvukti Fen Wetlands

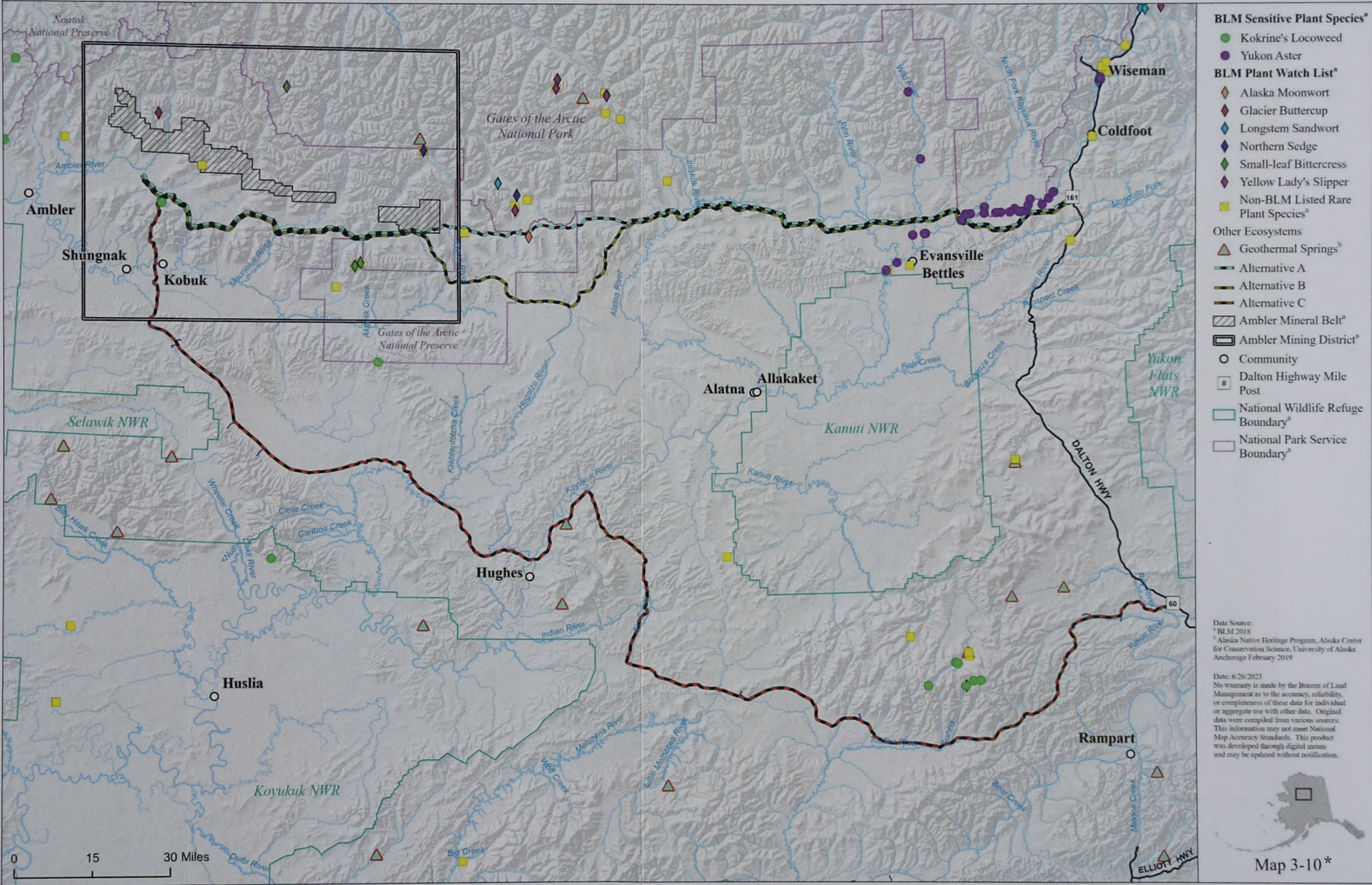


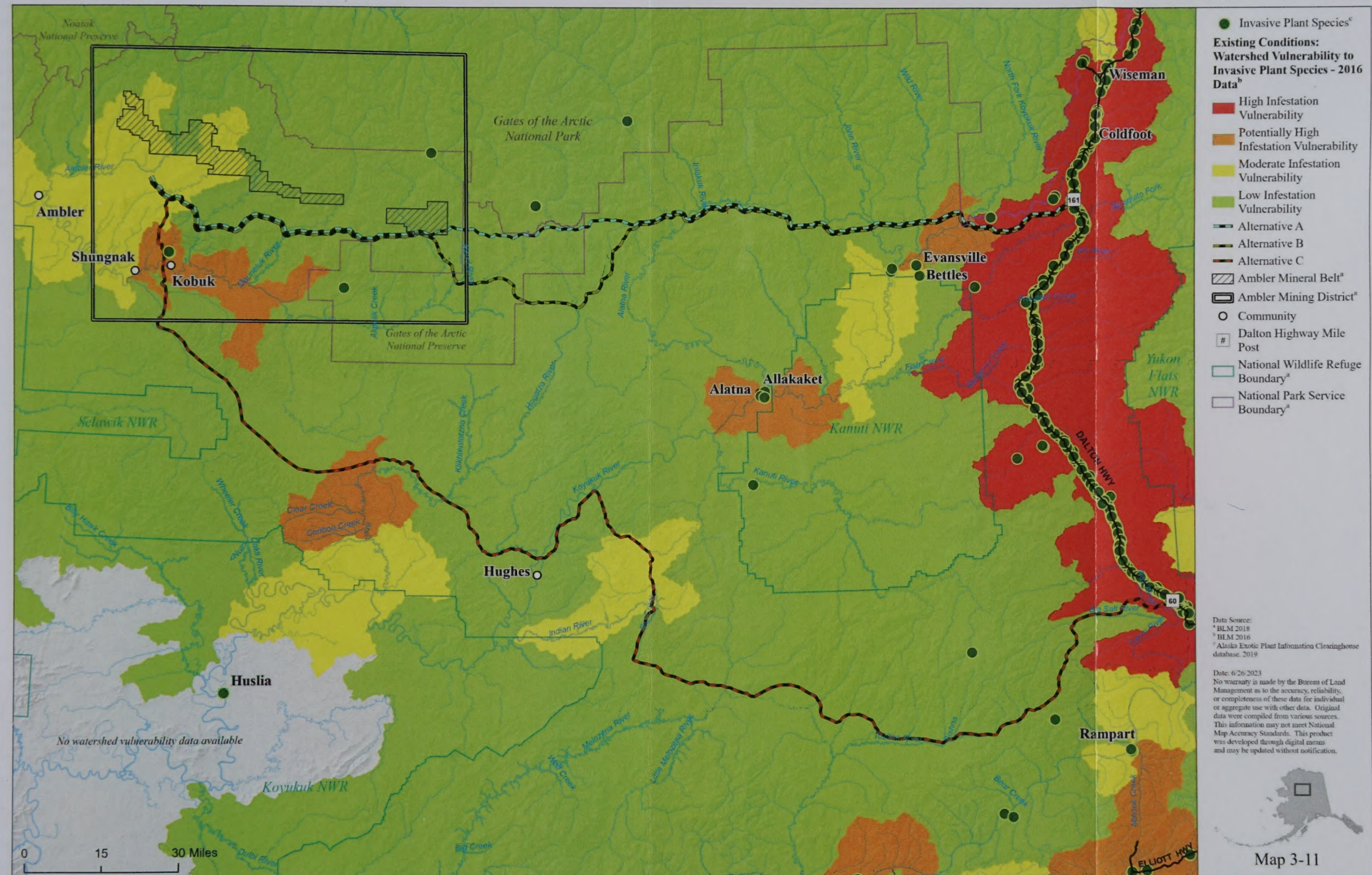
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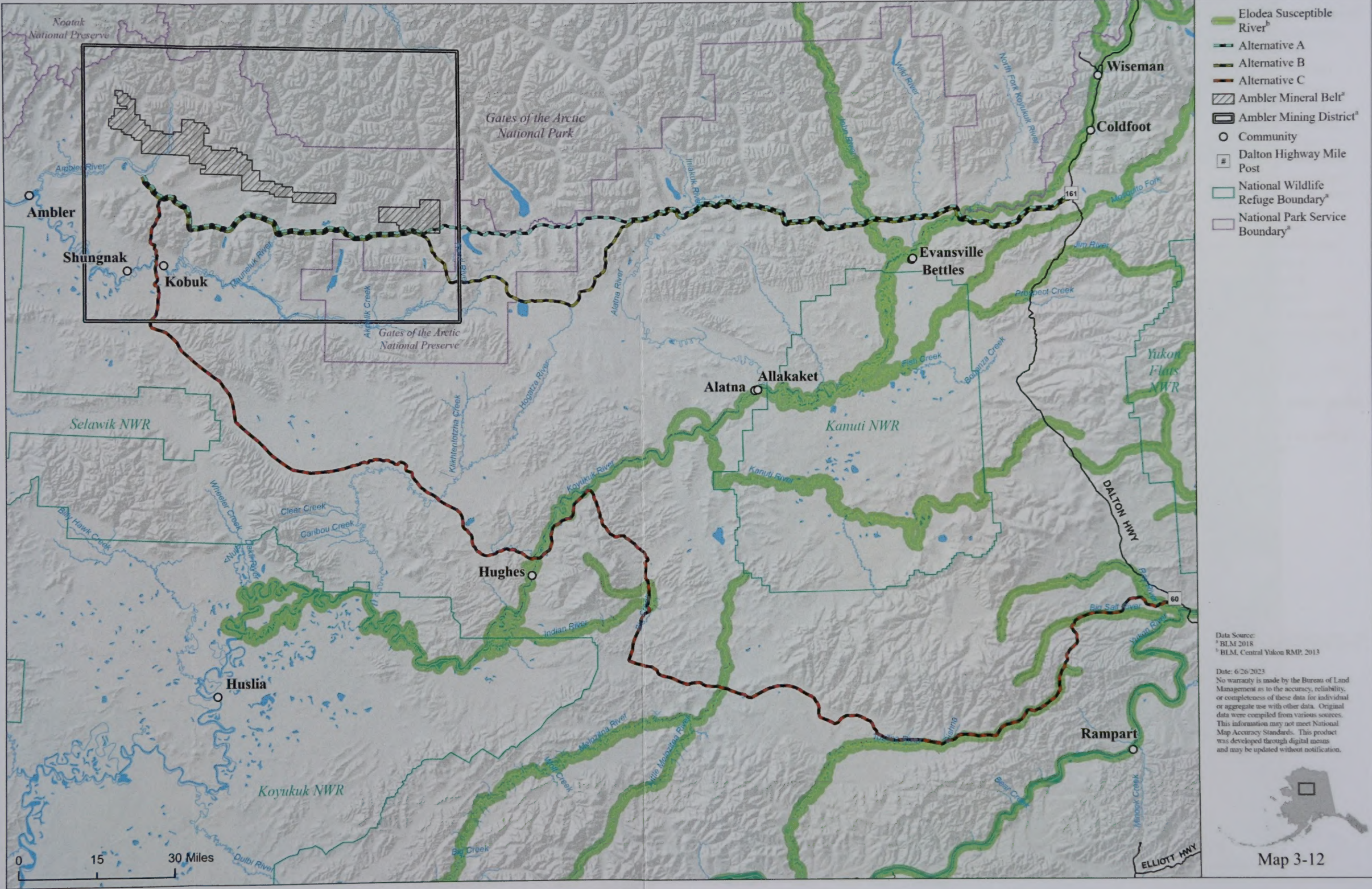




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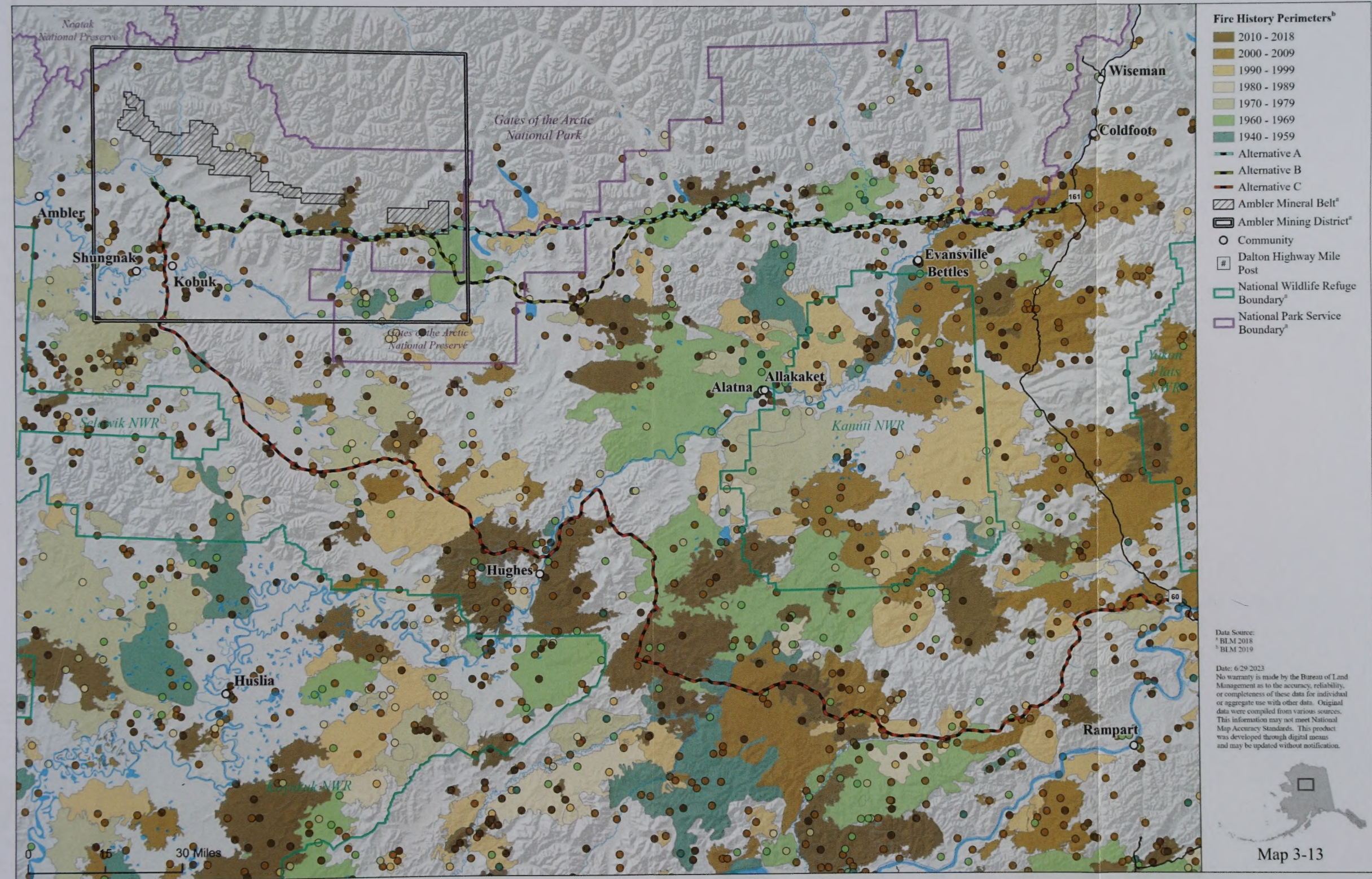


Chapter 3 - Affected Environment and Environmental Consequences

Historical Fire Starts and Fire Perimeters

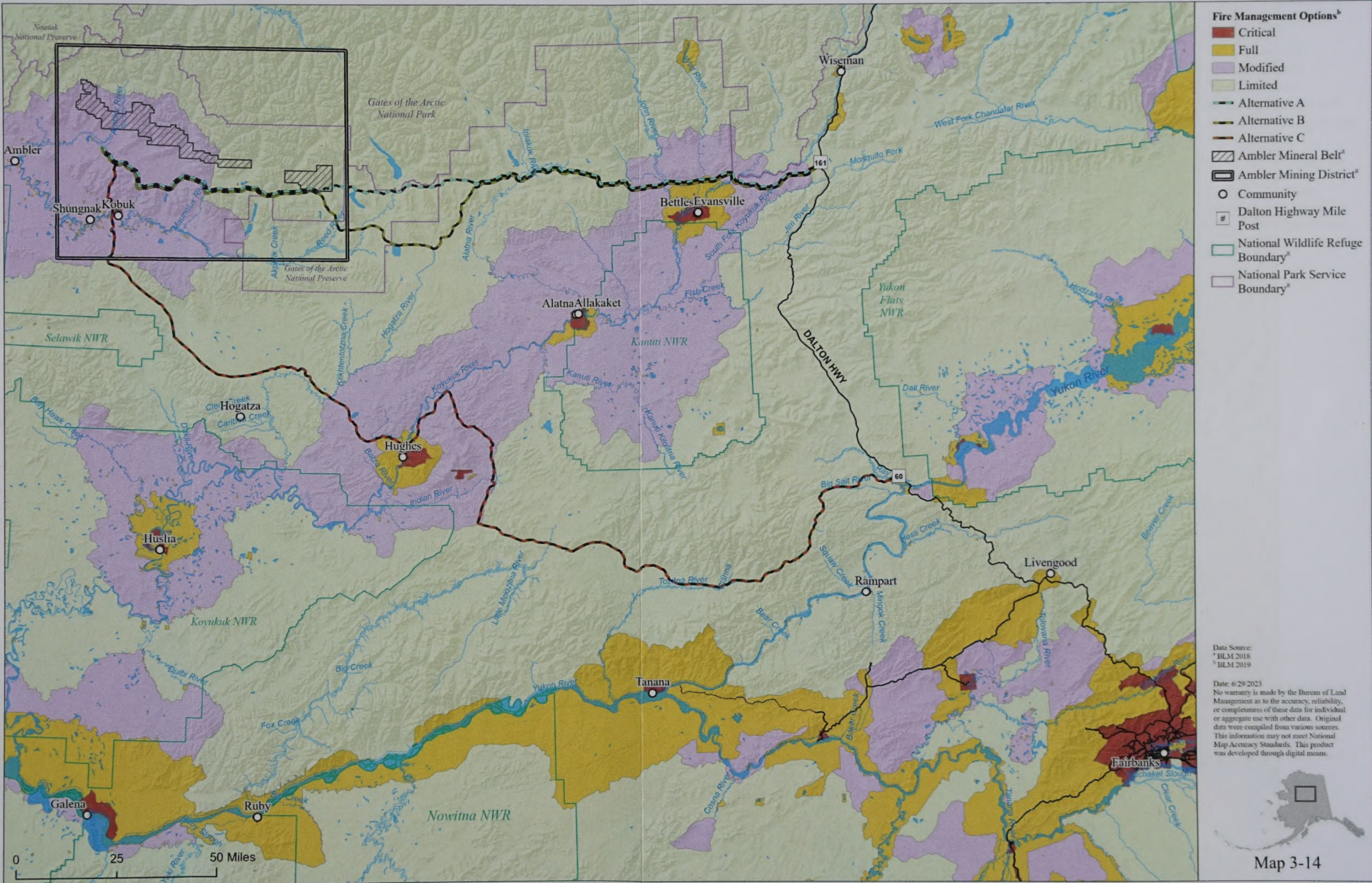


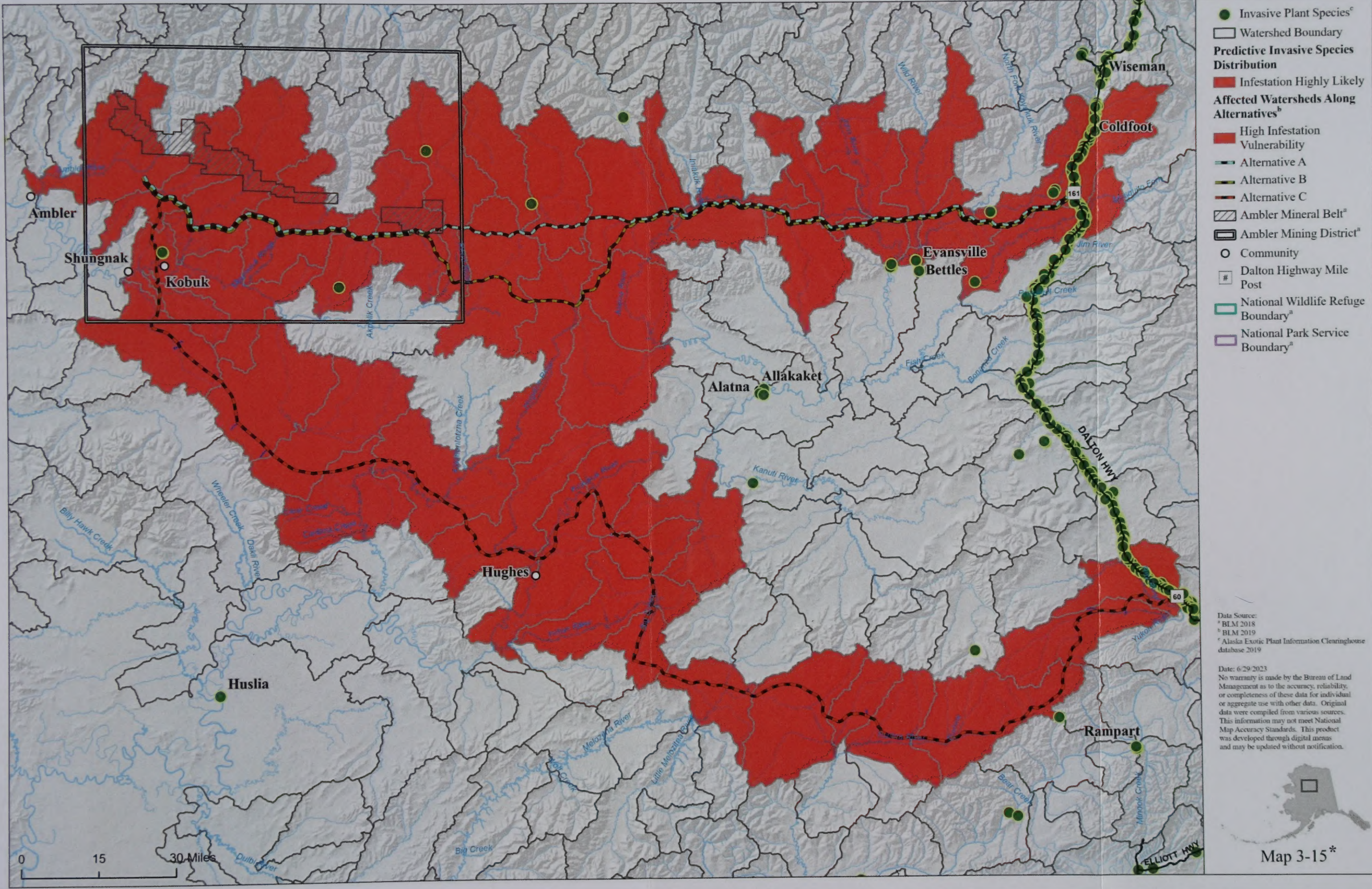
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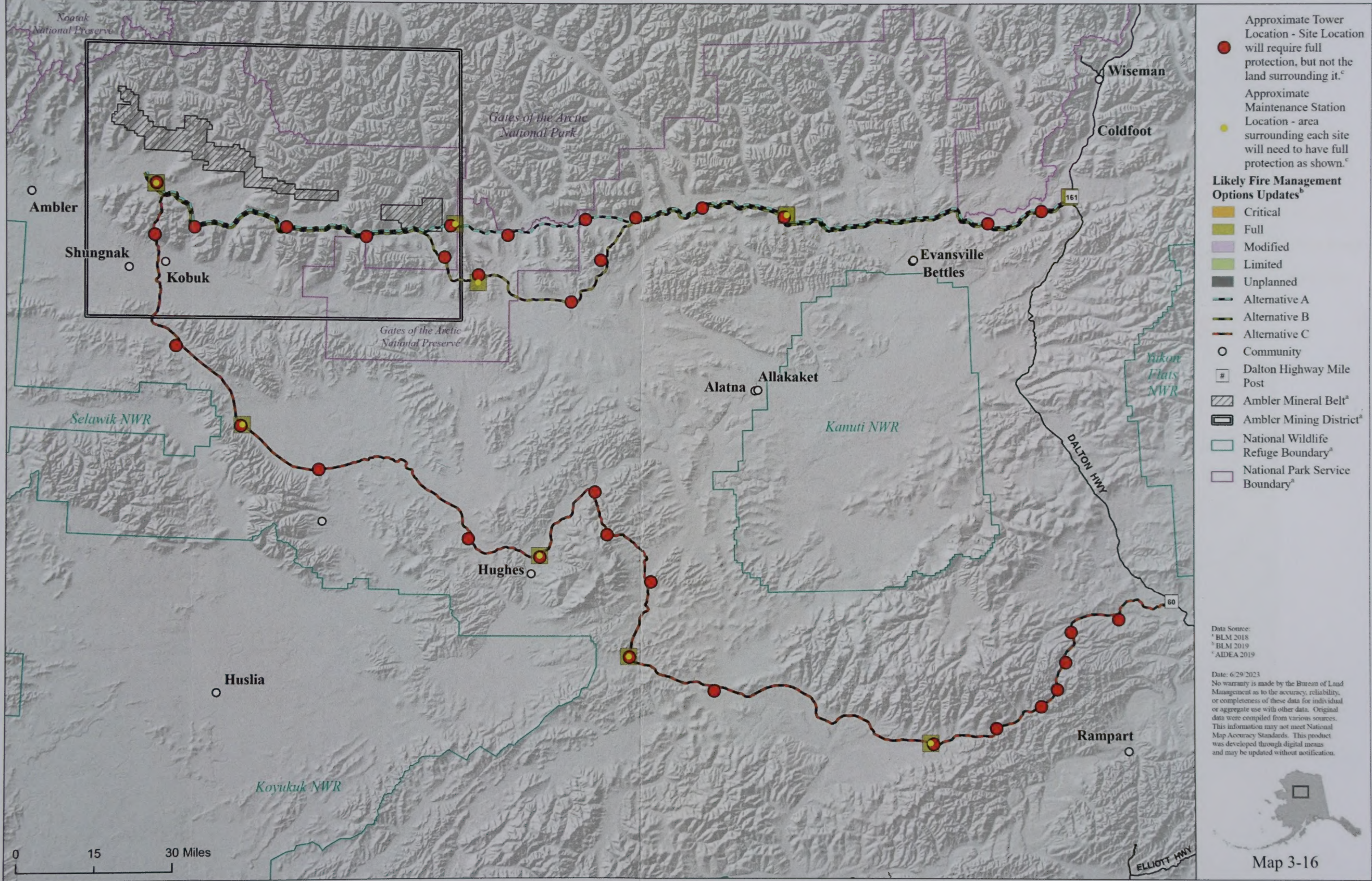
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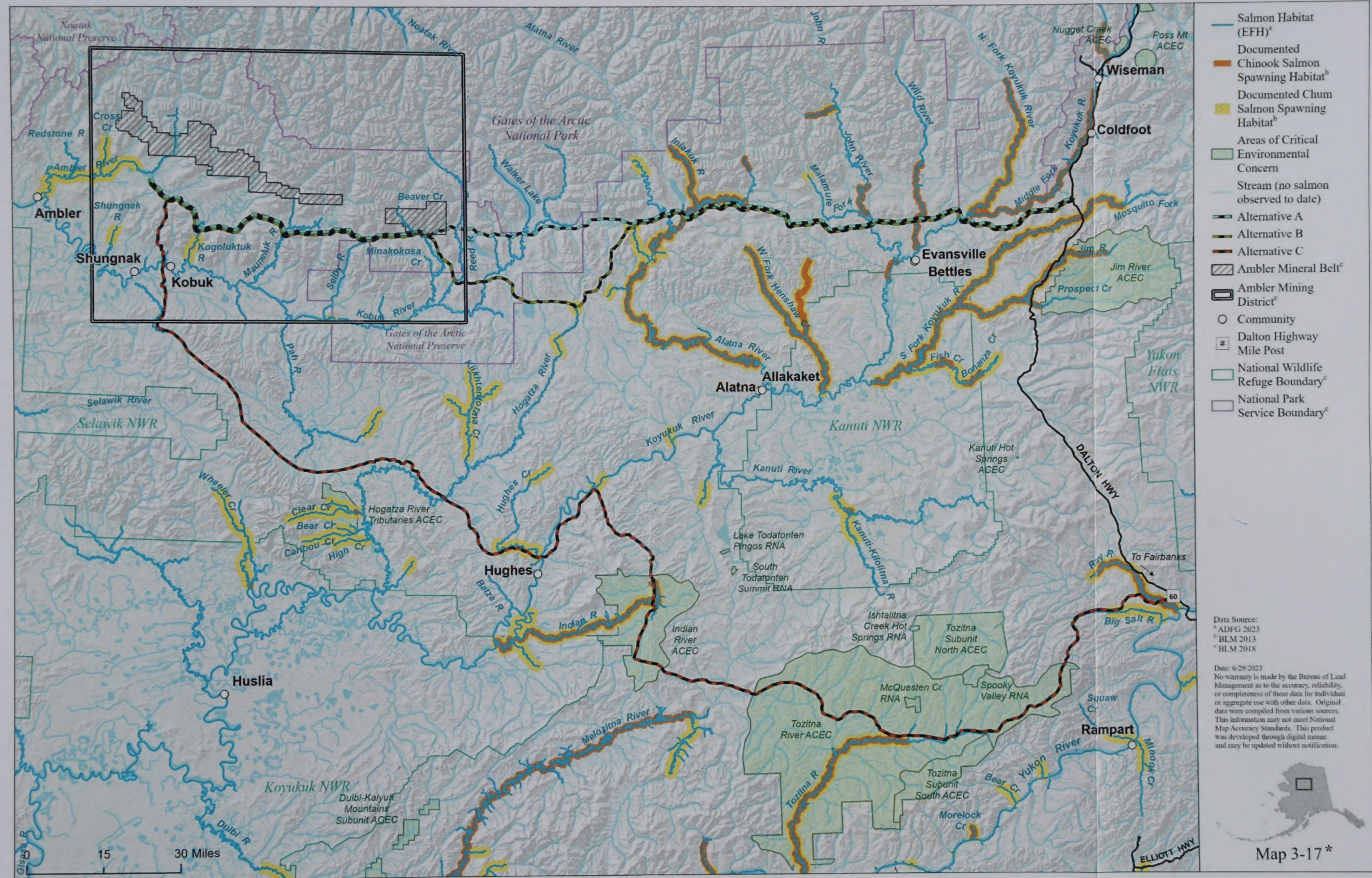


Chapter 3 - Affected Environment and Environmental Consequences

Known Salmon Spawning and Habitat



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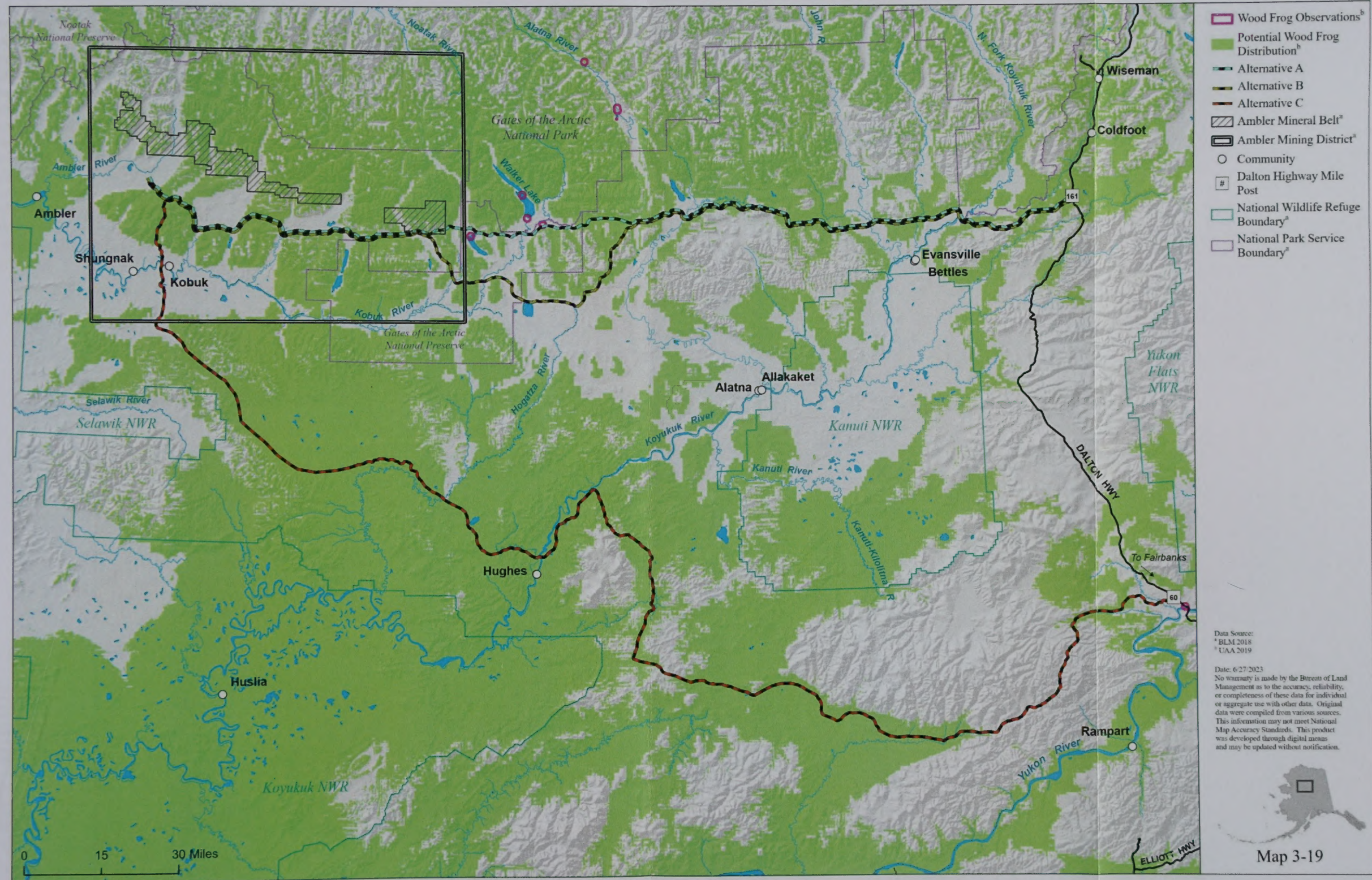


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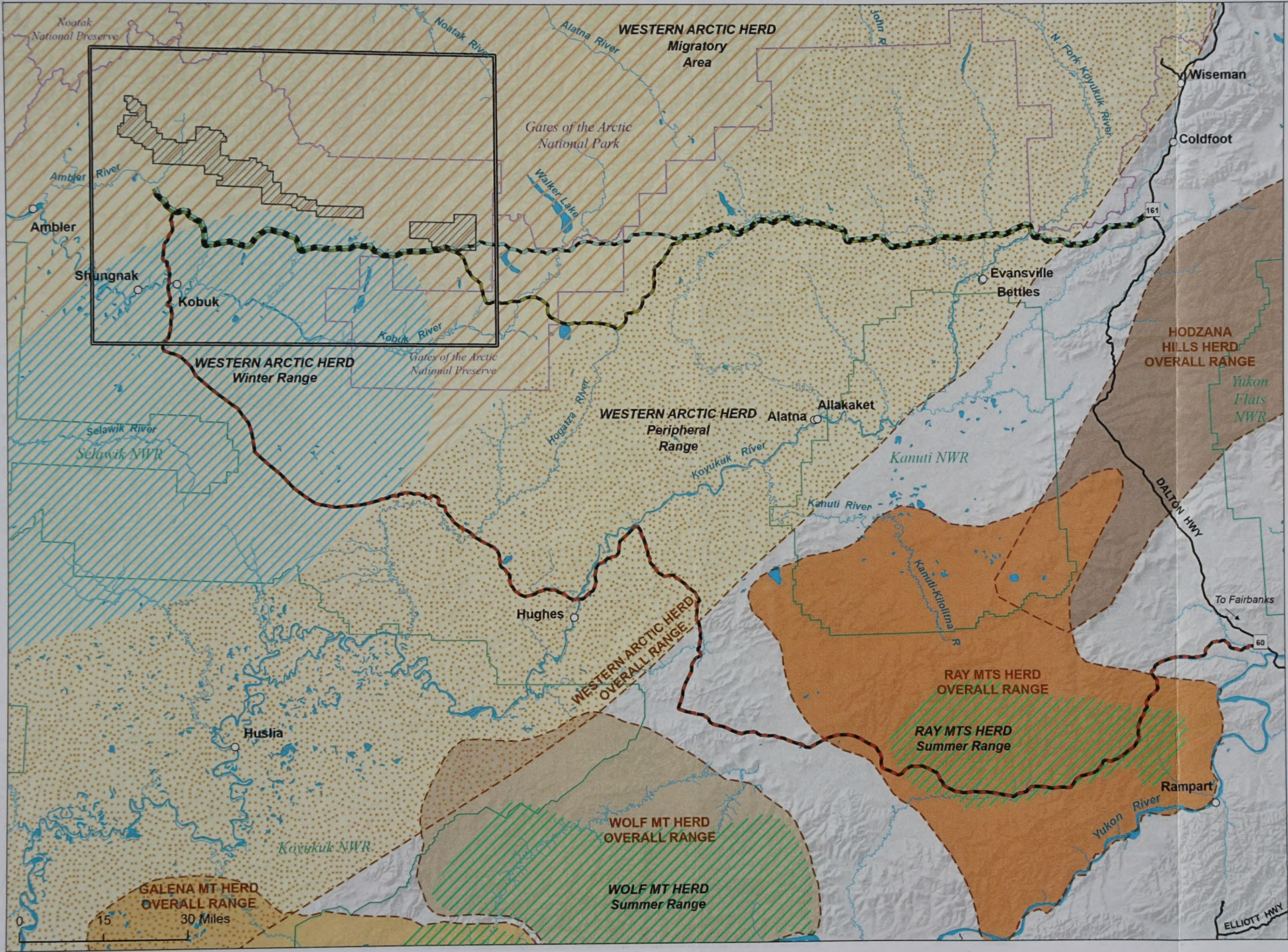
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- Caribou Seasonal Ranges^b**
- Galena Mountain Herd
 - Ray Mountains Herd
 - Wolf Mountain Herd
 - Hodzana Hills Herd
 - Western Arctic Herd
 - Winter Range
 - Migratory Area
 - Peripheral Range
 - Summer Range
 - Total Range
 - Alternative A
 - Alternative B
 - Alternative C
 - Ambler Mineral Belt^a
 - Ambler Mining District^a
 - Community
 - Dalton Highway Mile Post
 - National Wildlife Refuge Boundary^a
 - National Park Service Boundary^a

Data Source:
^a BLM 2018
^b ADFG 2017

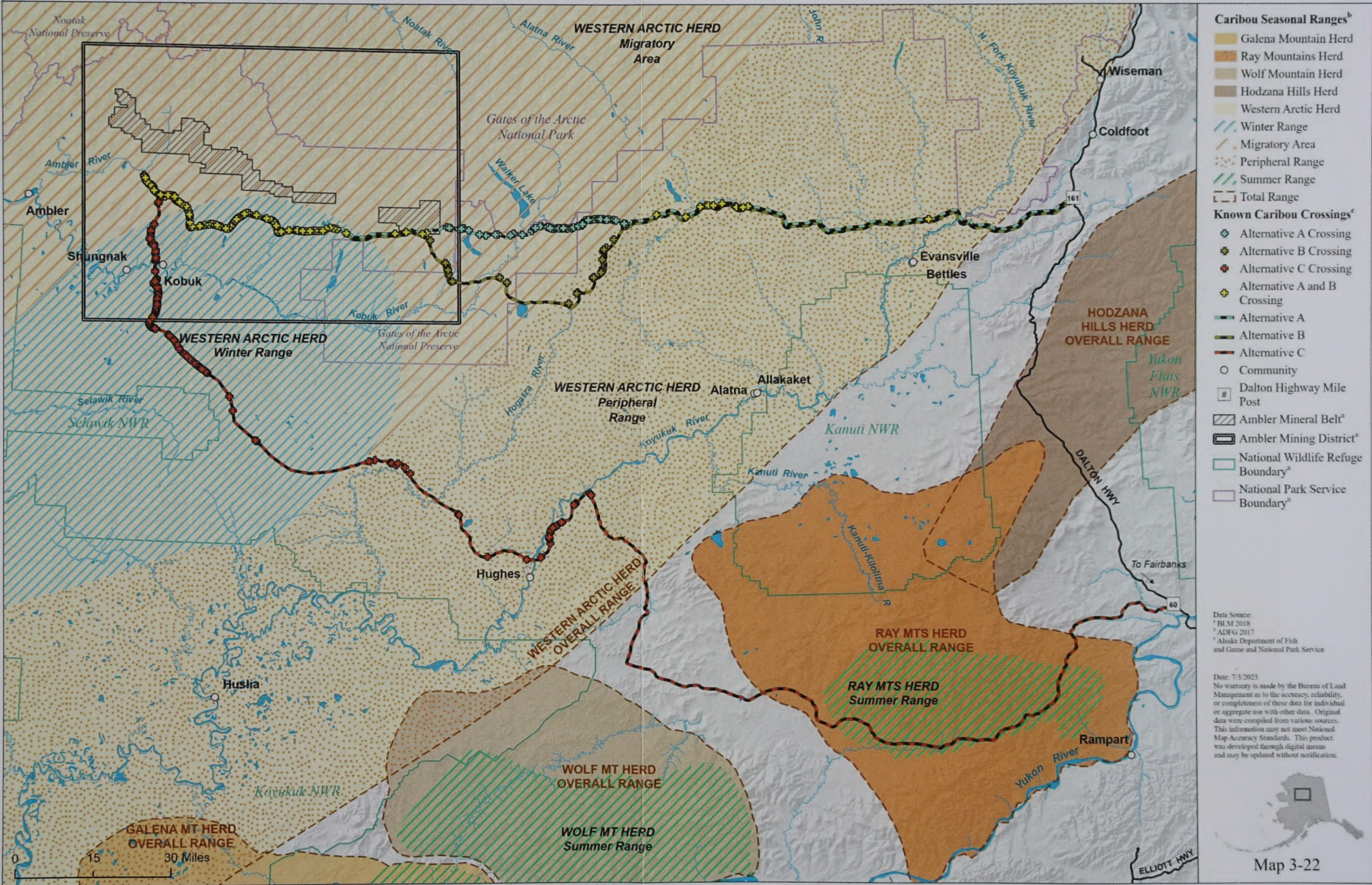
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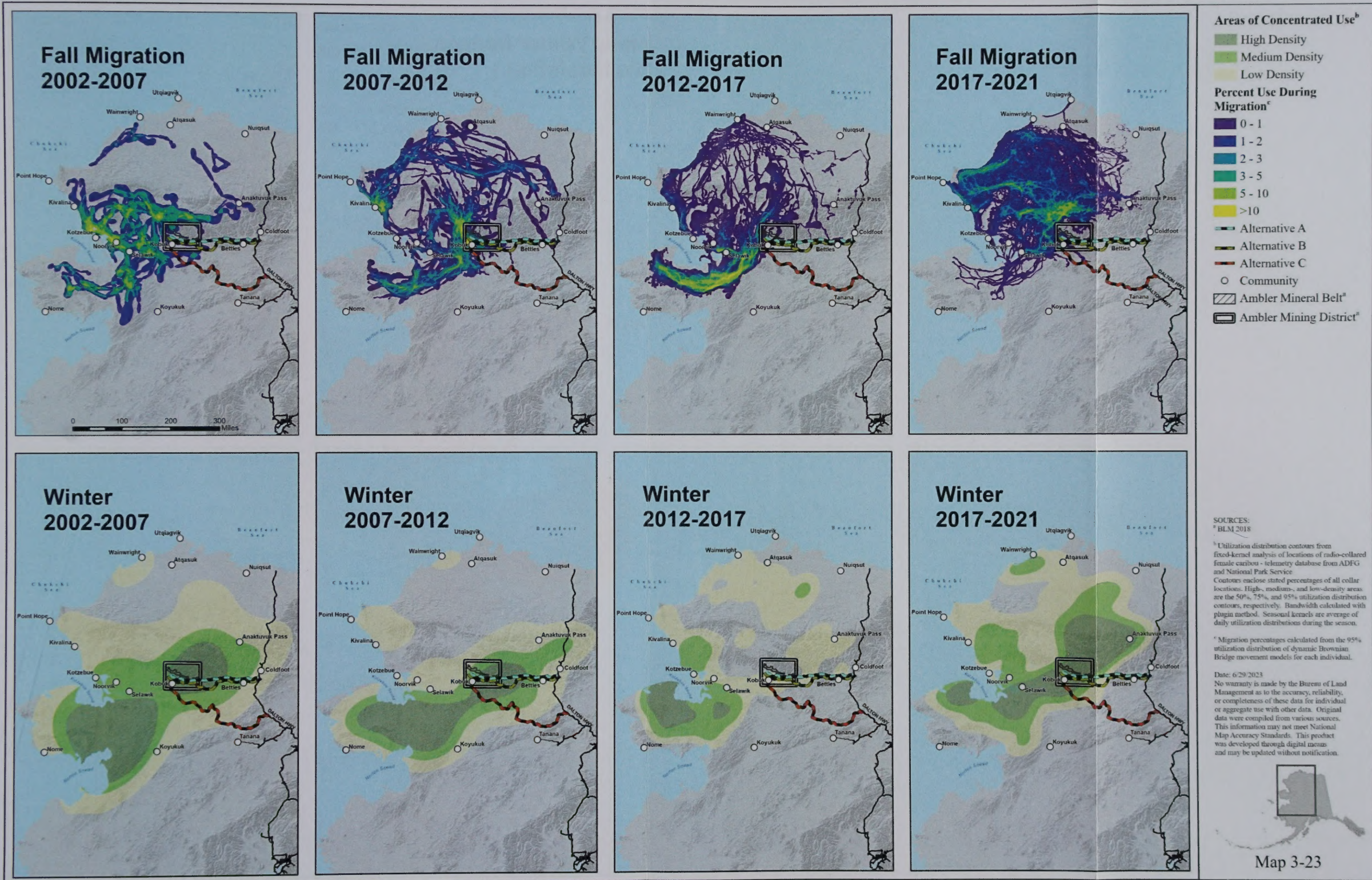


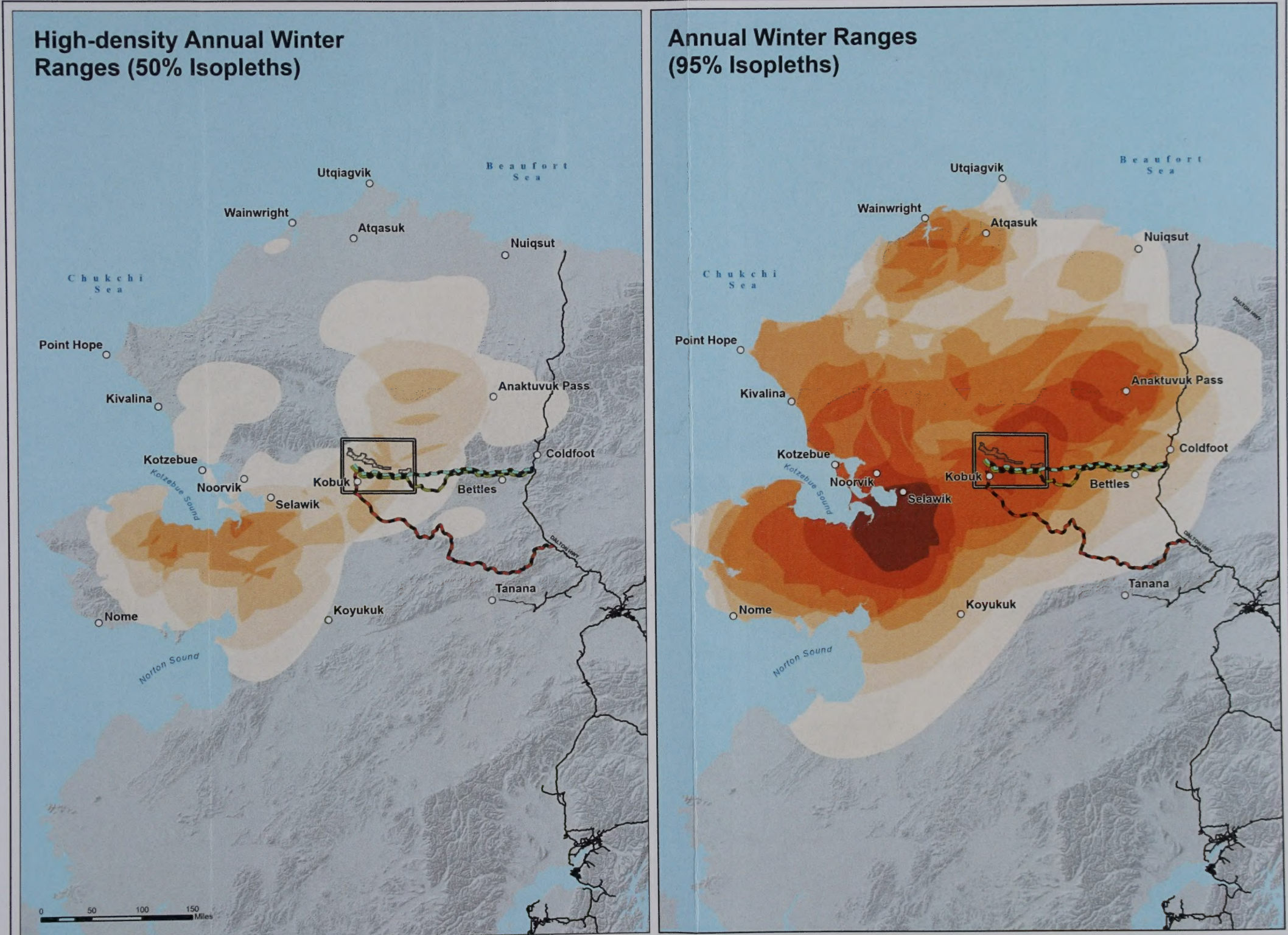
Map 3-21



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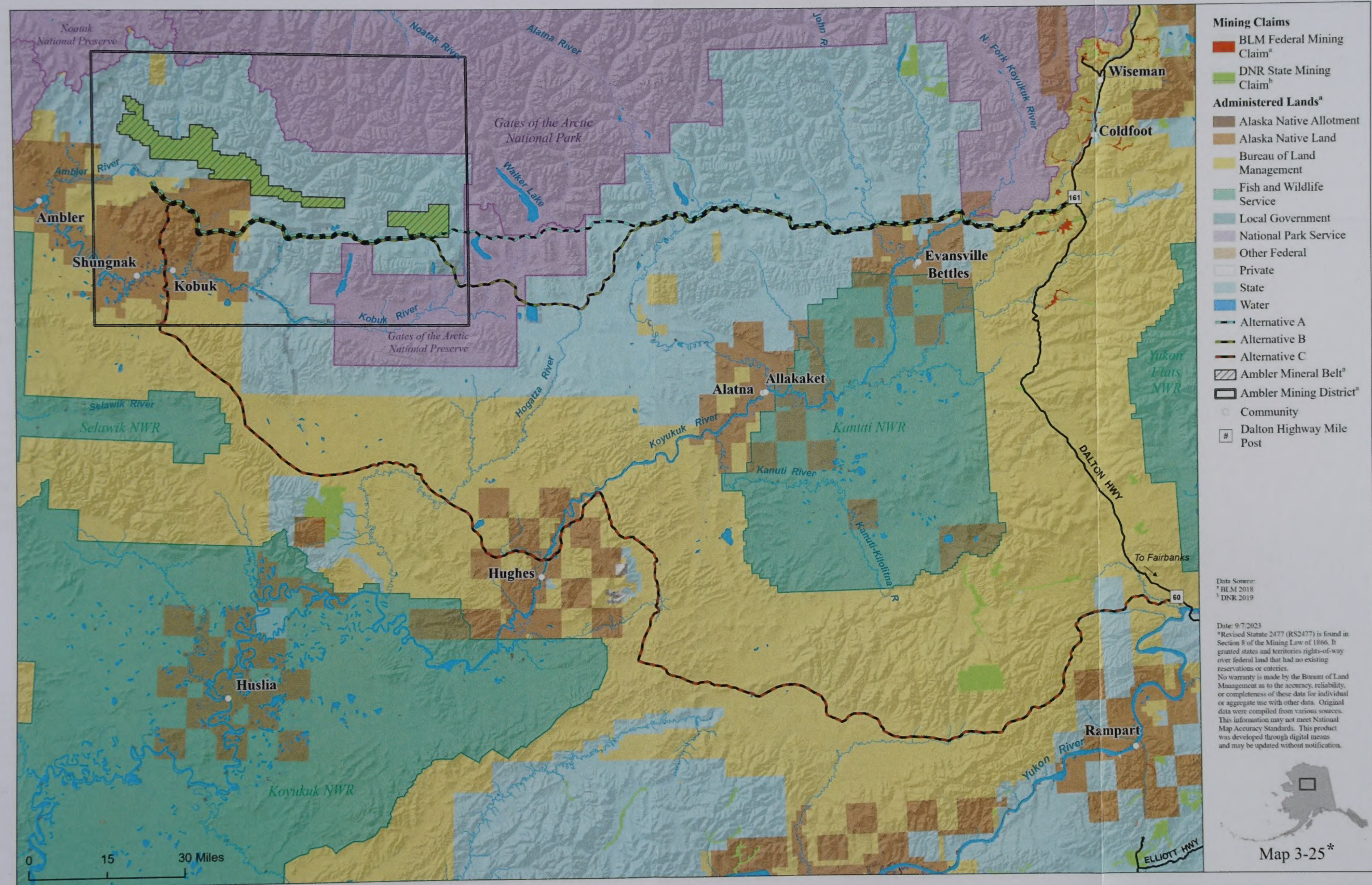


Chapter 3 - Affected Environment and Environmental Consequences

Mining Claims

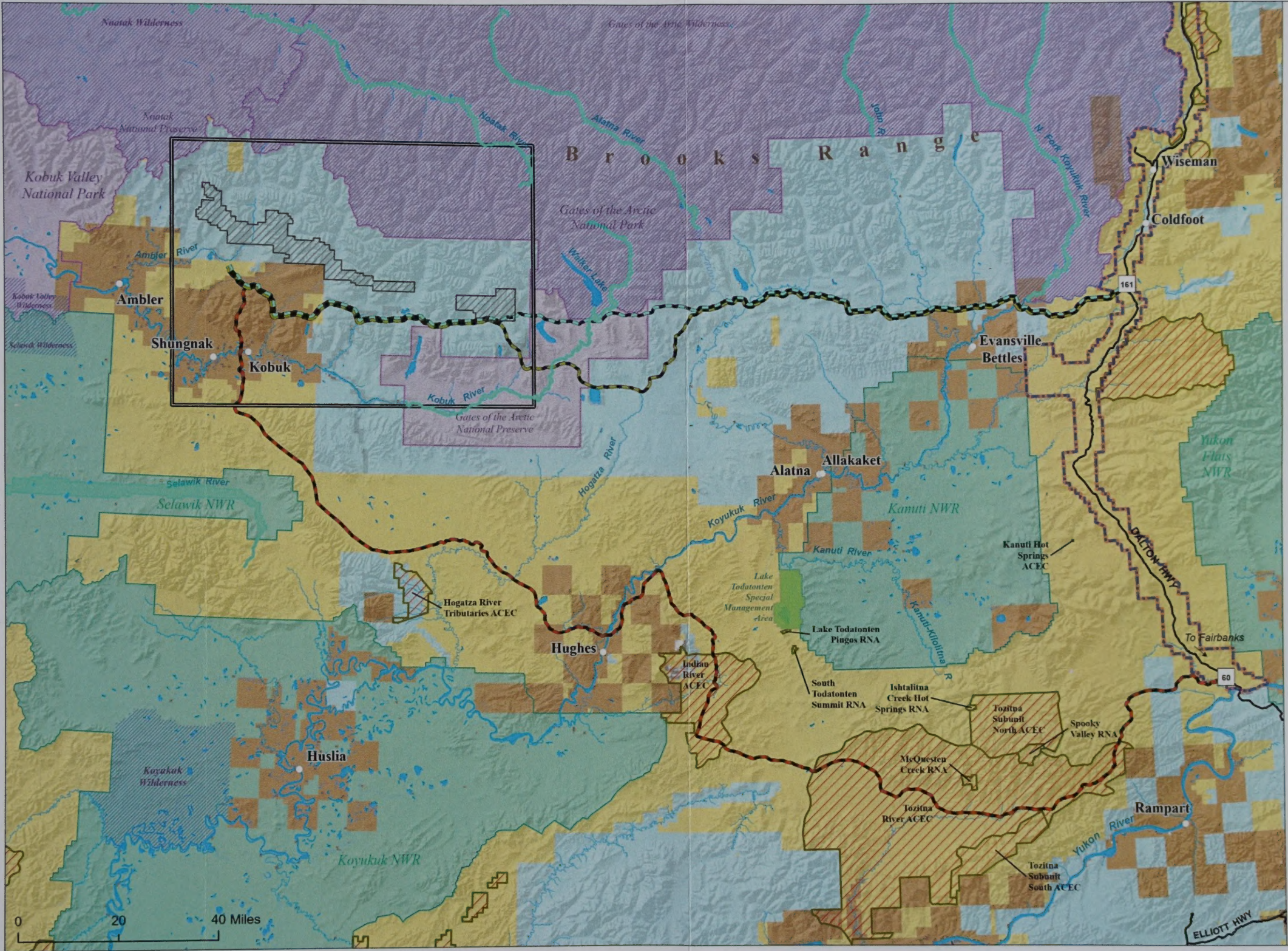


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- BLM Special Recreation Management Area^a
- National Wilderness Preservation Boundary^a
- BLM Area of Critical Environmental Concern^a
- Lake Totadonten Special Management Area^a
- National Wild and Scenic River
- Alaska Native Allotment^a
- Alaska Native Lands^a
- Bureau of Land Management^a
- Fish and Wildlife Service Boundary^a
- Local Government^a
- National Park Service Boundary^a
- Other Federal^a
- Private^a
- State^a
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- Alternative A
- Alternative B
- Alternative C
- Ambler Mineral Belt^a
- Ambler Mining District^a
- Community
- Dalton Highway Mile Post

Data Source:
* BLM 2018

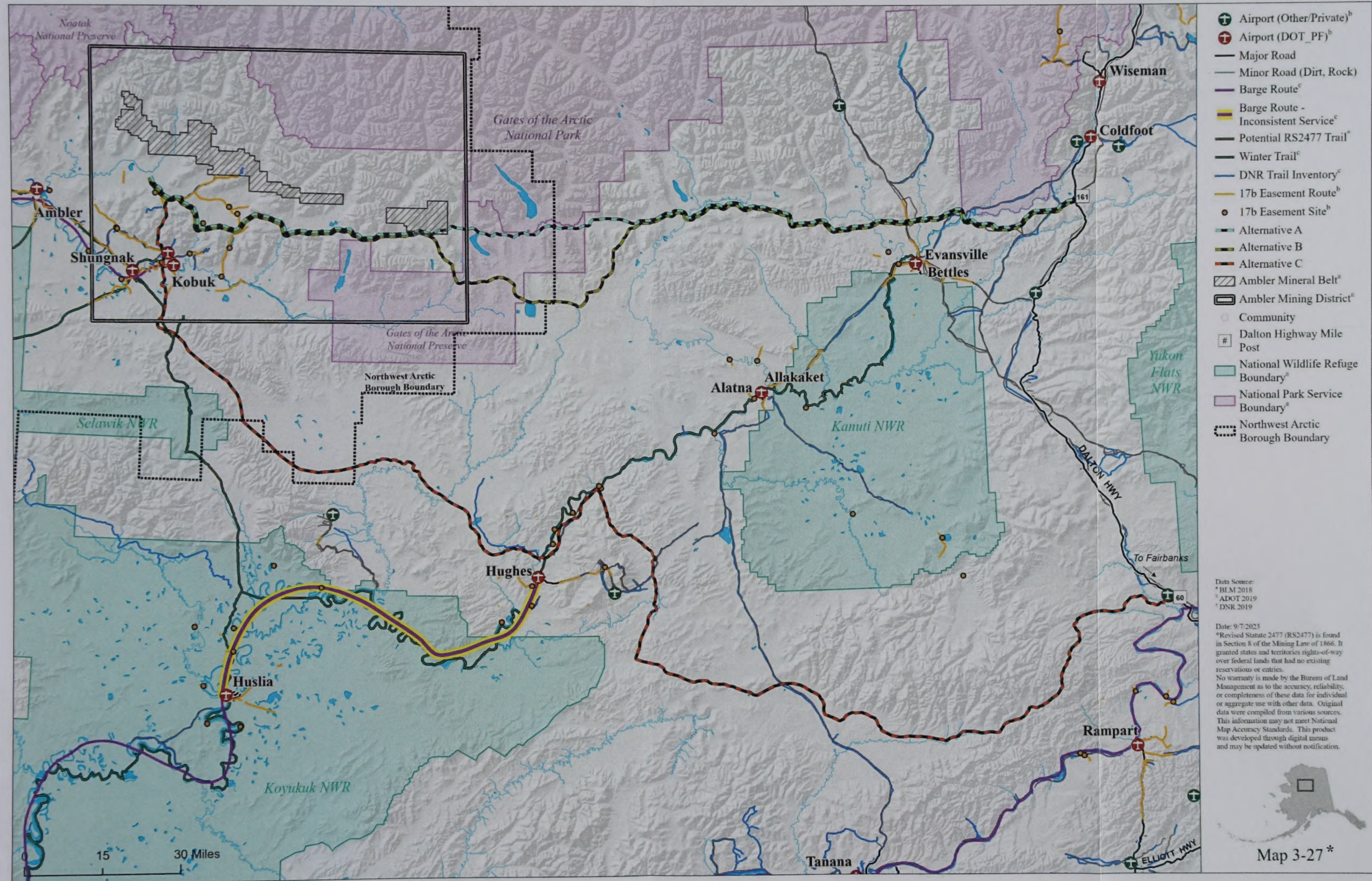
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Map 3-26

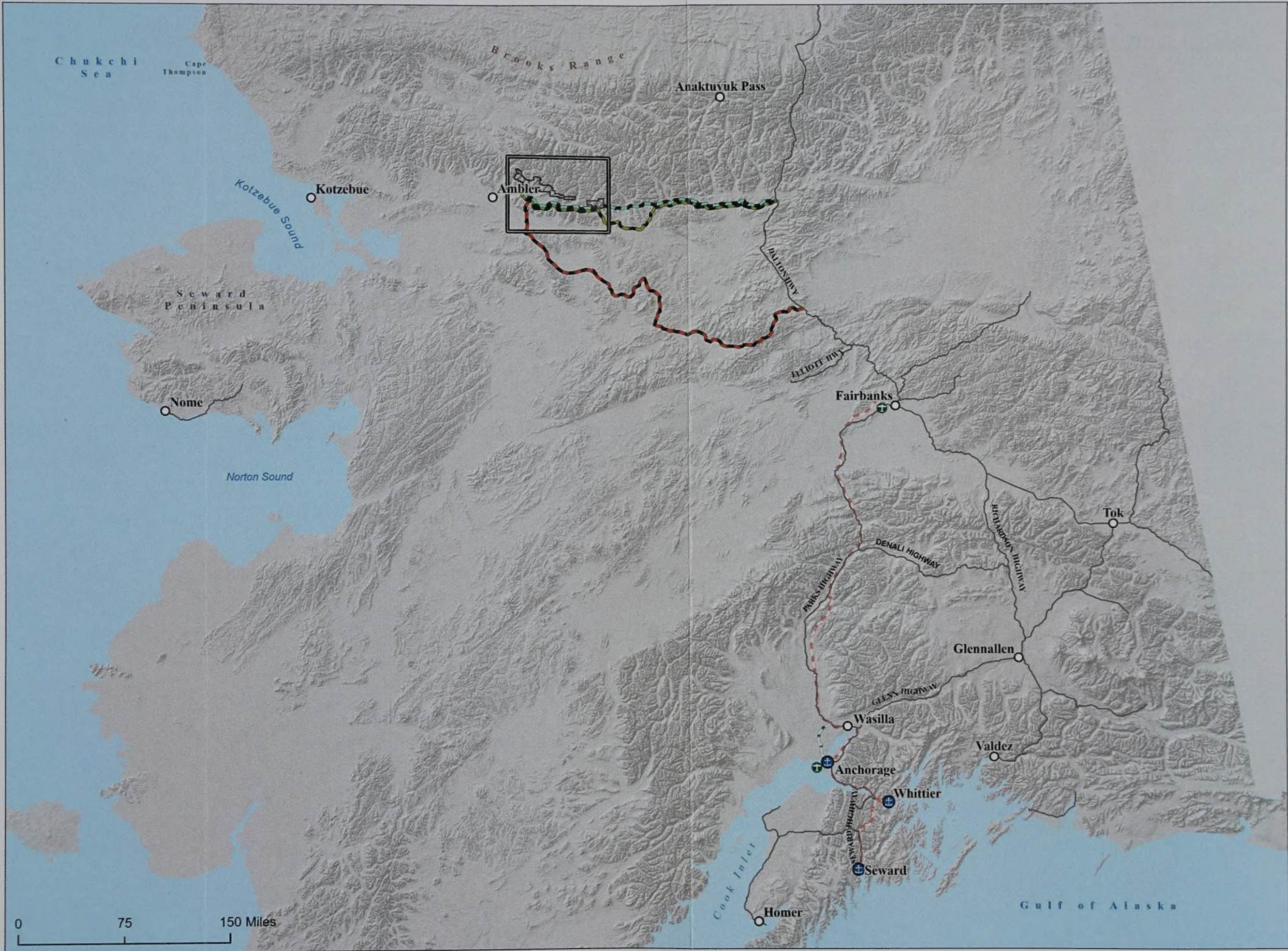


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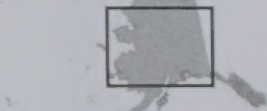
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- South Central Port^b
- International Airport^b
- Alaska Railroad^b
- Port MacKenzie Rail Line (In Progress)^b
- Major State Road
- Alternative A
- Alternative B
- Alternative C
- Ambler Mineral Belt^a
- Ambler Mining District^a
- Community

Data Source:
^a BLM 2018
^b AKDOT 2019

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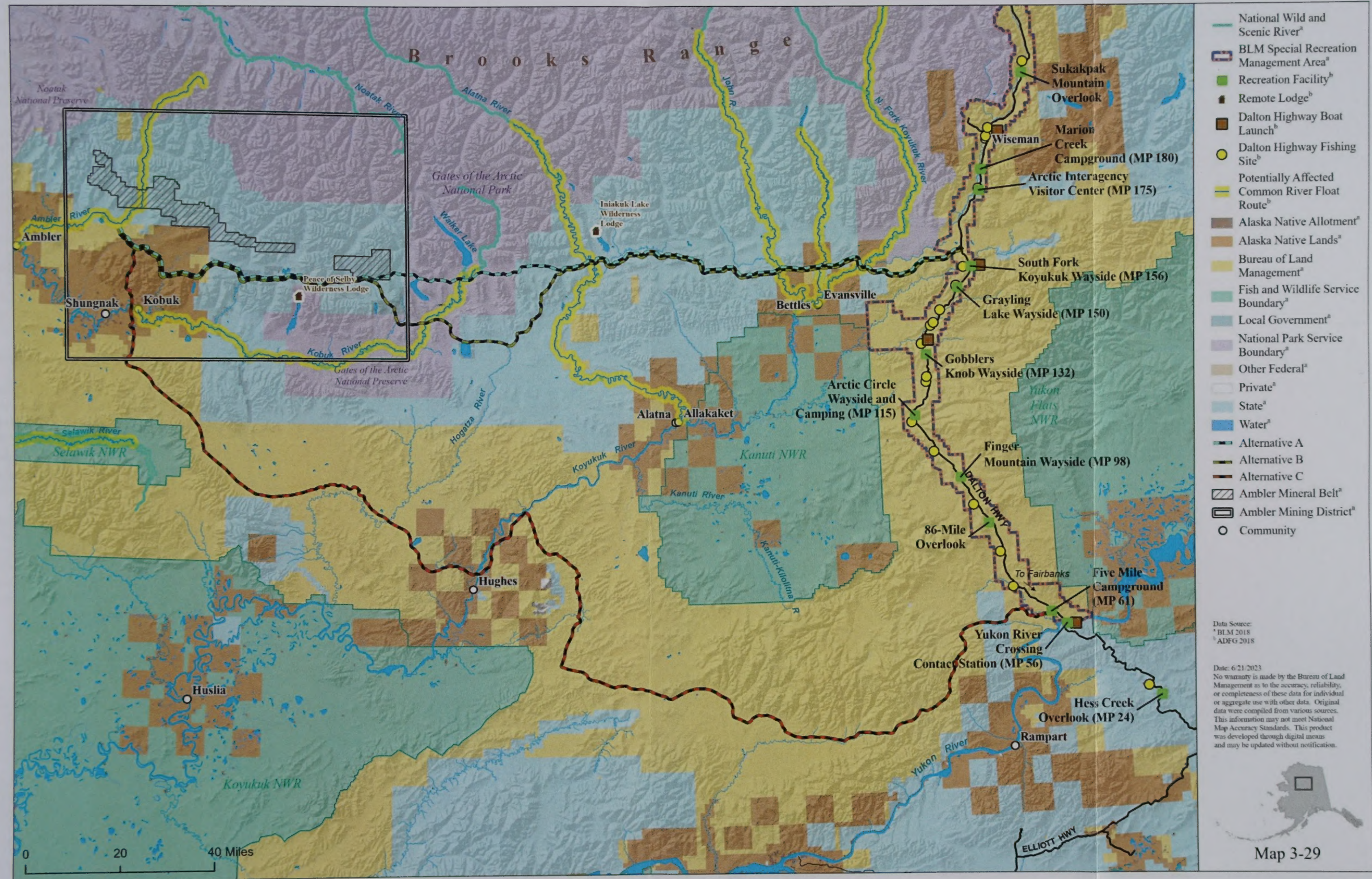
Map 3-28

Chapter 3 - Affected Environment and Environmental Consequences

Recreation

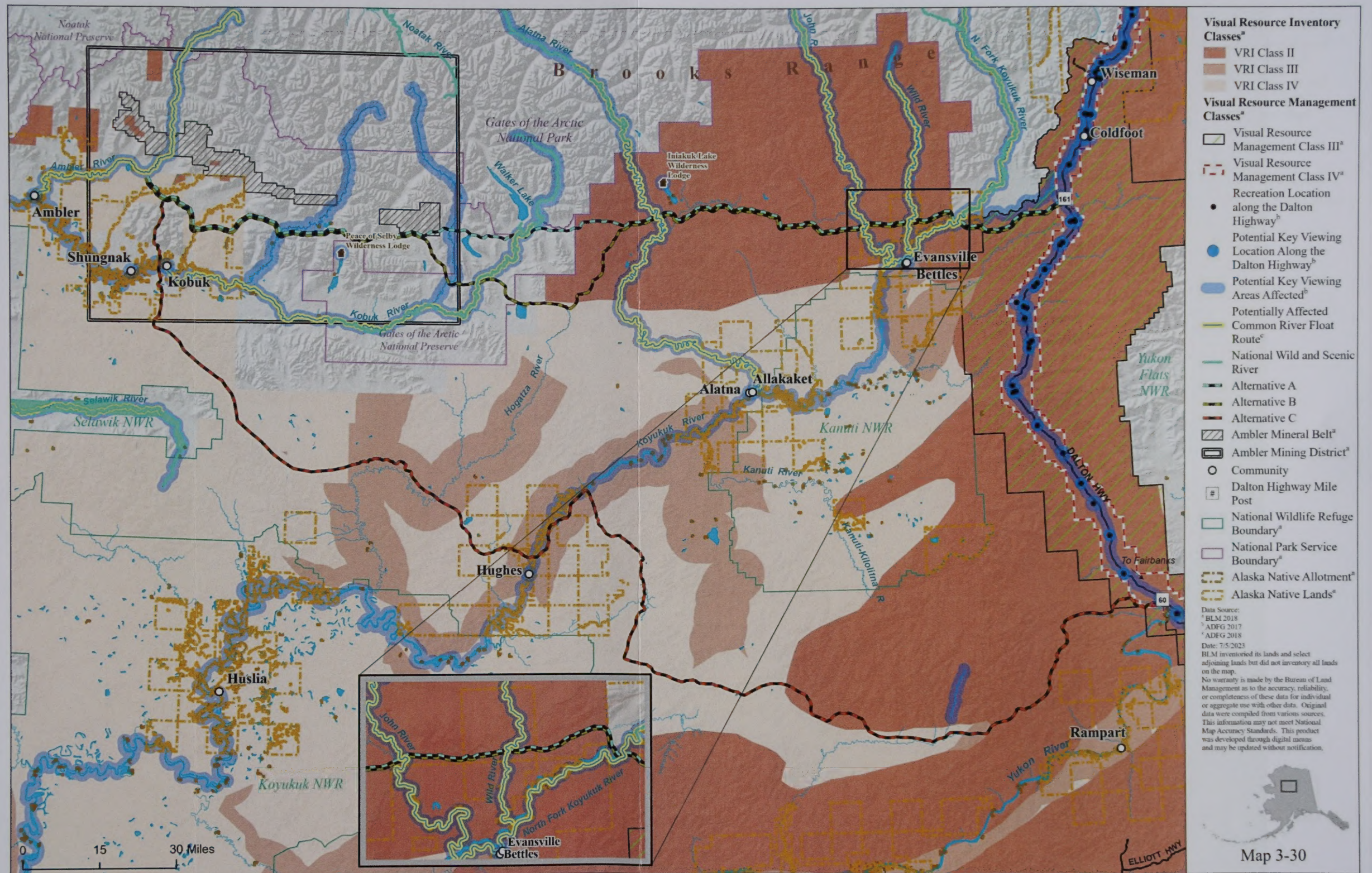


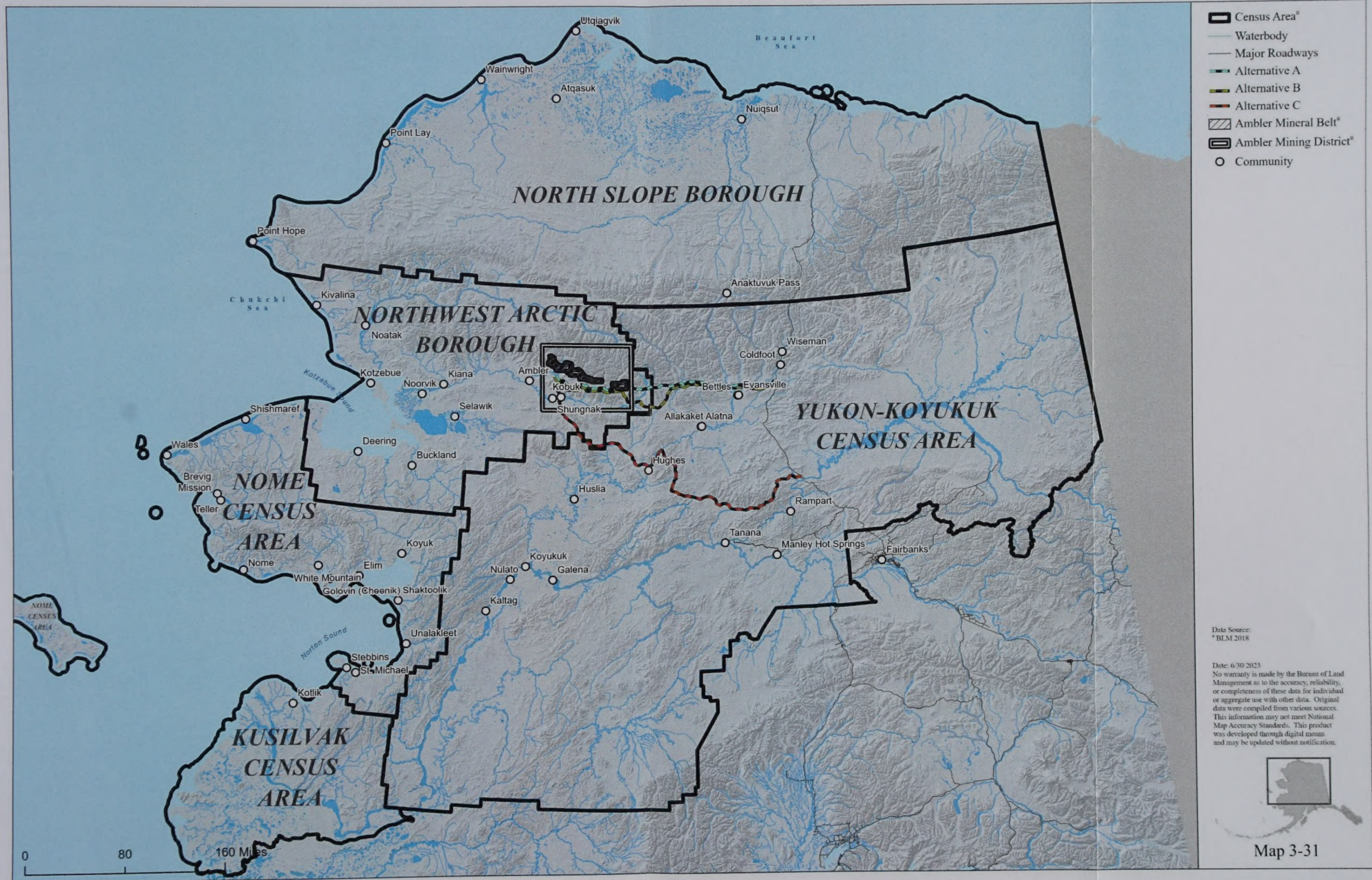
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Data Source:
^a BLM 2018
^b ADFG 2018

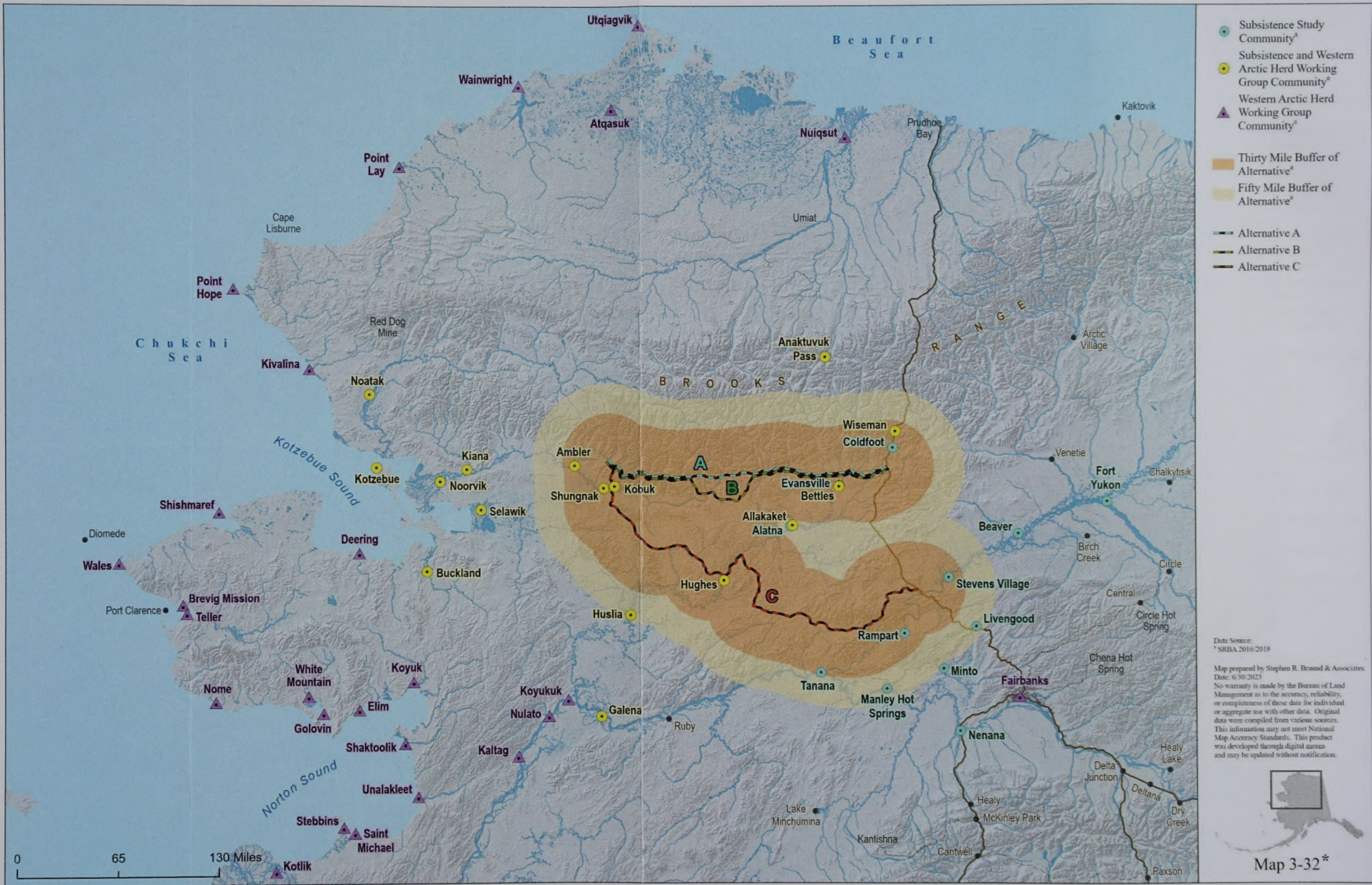
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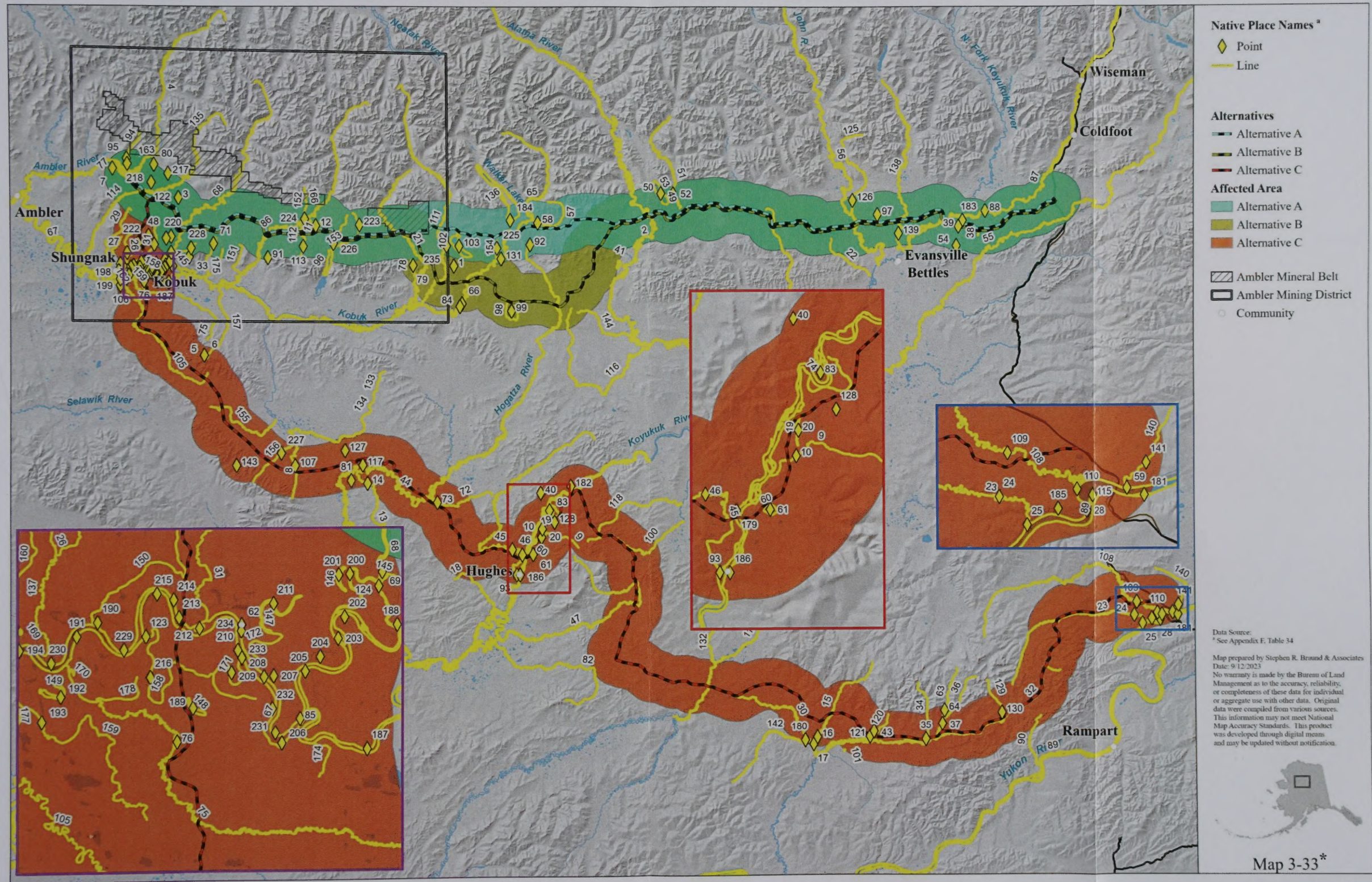
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Indigenous Place Names within Cultural Resource Affected Area

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